

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080417\
 Data File : BM011120.D
 Acq On : 04 Aug 2017 16:45
 Operator : SJ/JU
 Sample : PB101225BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101225BS

Manual Integrations
 APPROVED

Sohil
 8/7/2017 6:07:38 PM

Quant Time: Aug 07 10:30:15 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	7.32	152	188851	20.00	ng	-0.07
21) Naphthalene-d8	10.08	136	871320	20.00	ng	-0.07
38) Acenaphthene-d10	13.99	164	702130	20.00	ng	-0.06
63) Phenanthrene-d10	16.74	188	1918135	20.00	ng	-0.06
75) Chrysene-d12	20.97	240	1896064	20.00	ng	-0.06
86) Perylene-d12	23.06	264	1531321	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	4.96	112	1553814	139.08	ng	-0.06
7) Phenol-d6	6.53	99	2307046	145.34	ng	-0.06
23) Nitrobenzene-d5	8.47	82	1841887	79.34	ng	-0.07
41) 2,4,6-Tribromophenol	15.50	330	1567191	139.26	ng	-0.06
44) 2-Fluorobiphenyl	12.60	172	4562854	81.50	ng	-0.06
78) Terphenyl-d14	19.42	244	6965229	72.77	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.95	88	204086	40.687	ng	# 100
3) Pyridine	3.33	79	483399	35.282	ng	# 87
4) n-Nitrosodimethylamine	3.25	42	309493	44.326	ng	# 68
6) Aniline	6.67	93	835626	41.770	ng	# 87
8) 2-Chlorophenol	6.89	128	542185	47.802	ng	# 75
9) Benzaldehyde	6.48	77	321155	31.271	ng	# 81
10) Phenol	6.55	94	812725	47.140	ng	# 99
11) bis(2-Chloroethyl)ether	6.77	93	559446	41.646	ng	# 93
12) 1,3-Dichlorobenzene	7.21	146	571525	41.346	ng	# 78
13) 1,4-Dichlorobenzene	7.36	146	587961	41.497	ng	# 91
14) 1,2-Dichlorobenzene	7.66	146	633678	46.776	ng	# 90
15) Benzyl Alcohol	7.57	79	741481	48.695	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	7.86	45	657216	54.369	ng	# 78
17) 2-Methylphenol	7.77	107	549559	49.875	ng	# 76
18) Hexachloroethane	8.37	117	309760	50.131	ng	# 80
19) n-Nitroso-di-n-propylamine	8.13	70	742251	55.028	ng	# 90
20) 3+4-Methylphenols	8.10	107	718799	46.929	ng	# 83
22) Acetophenone	8.14	105	1057554	40.491	ng	# 92
24) Nitrobenzene	8.51	77	926630	38.518	ng	# 87
25) Isophorone	9.03	82	1935382	49.999	ng	# 84
26) 2-Nitrophenol	9.21	139	300805	39.297	ng	# 17
27) 2,4-Dimethylphenol	9.29	122	568575	42.195	ng	# 67
28) bis(2-Chloroethoxy)methane	9.52	93	892623	41.346	ng	# 98
29) 2,4-Dichlorophenol	9.74	162	625674	41.321	ng	# 93
30) 1,2,4-Trichlorobenzene	9.95	180	777191	41.512	ng	# 97
31) Naphthalene	10.13	128	1869703	42.655	ng	# 98
32) Benzoic acid	9.45	122	374975	34.620	ng	# 55
33) 4-Chloroaniline	10.26	127	362194	20.713	ng	# 76
34) Hexachlorobutadiene	10.42	225	655812	44.474	ng	# 93
35) Caprolactam	11.06	113	226695m	52.793	ng	# 70
36) 4-Chloro-3-methylphenol	11.39	107	861595	44.067	ng	# 88
37) 2-Methylnaphthalene	11.76	142	1393457	43.274	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	12.14	216	1116747	37.020	ng	# 98
40) Hexachlorocyclopentadiene	12.12	237	924173	52.578	ng	# 98

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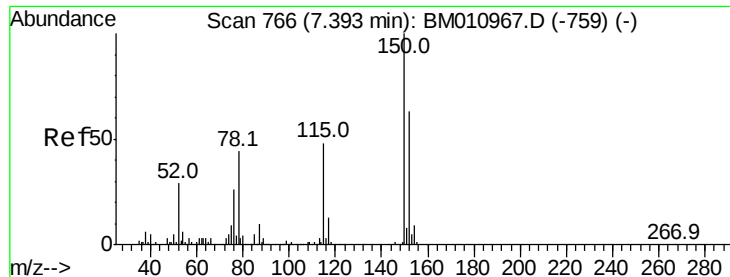
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.39	196	736773	40.353	nq	97
43) 2,4,5-Trichlorophenol	12.46	196	757489	40.281	nq #	87
45) 1,1'-Biphenyl	12.80	154	2211863	36.432	nq	96
46) 2-Chloronaphthalene	12.84	162	1734394	38.773	nq #	93
47) 2-Nitroaniline	13.06	65	566257	35.782	nq #	66
48) Acenaphthylene	13.70	152	2763291	41.393	nq	99
49) Dimethylphthalate	13.47	163	2556577	42.564	nq #	99
50) 2,6-Dinitrotoluene	13.58	165	525042	43.227	nq #	53
51) Acenaphthene	14.05	154	1711229	41.399	nq	99
52) 3-Nitroaniline	13.91	138	297133	28.191	nq #	22
53) 2,4-Dinitrophenol	14.12	184	715119	82.844	nq #	87
54) Dibenzofuran	14.39	168	2928745	43.729	nq #	91
55) 4-Nitrophenol	14.24	139	451393	48.745	nq	89
56) 2,4-Dinitrotoluene	14.38	165	777794	45.614	nq #	87
57) Fluorene	15.04	166	2544732	43.639	nq	96
58) 2,3,4,6-Tetrachlorophenol	14.63	232	879934	49.922	nq #	100
59) Diethylphthalate	14.85	149	2757880	44.959	nq	100
60) 4-Chlorophenyl-phenylether	15.05	204	1523764	43.280	nq	98
61) 4-Nitroaniline	15.09	138	137398	12.273	nq #	1
62) Azobenzene	15.34	77	3307566	50.381	nq	87
64) 4,6-Dinitro-2-methylphenol	15.14	198	545291	41.992	nq	93
65) n-Nitrosodiphenylamine	15.27	169	2135379	38.900	nq	98
66) 4-Bromophenyl-phenylether	15.95	248	1040241	42.186	nq #	92
67) Hexachlorobenzene	16.05	284	1095266	39.307	nq #	89
68) Atrazine	16.24	200	979300	44.517	nq	97
69) Pentachlorophenol	16.40	266	1425671	80.592	nq	97
70) Phenanthrene	16.79	178	4355227	43.363	nq	99
71) Anthracene	16.88	178	4274212	42.671	nq	99
72) Carbazole	17.16	167	2401389	27.413	nq	99
73) Di-n-butylphthalate	17.74	149	4827800	45.256	nq #	96
74) Fluoranthene	18.82	202	5301794	42.596	nq	99
76) Benzidine	19.05	184	525638m	11.588	nq	
77) Pyrene	19.19	202	5524649	49.037	nq	99
79) Butylbenzylphthalate	20.13	149	2052265	51.227	nq #	64
80) Benzo(a)anthracene	20.96	228	4770567	44.064	nq	99
81) 3,3'-Dichlorobenzidine	20.90	252	1029619	24.243	nq #	97
82) Chrysene	21.01	228	4485110	43.158	nq	99
83) Bis(2-ethylhexyl)phthalate	20.92	149	2941328	49.907	nq #	99
84) Di-n-octyl phthalate	21.77	149	4747776	49.635	nq	97
85) Indeno(1,2,3-cd)pyrene	25.10	276	3537570	32.868	nq #	96
87) Benzo(b)fluoranthene	22.44	252	4569961	46.498	nq #	92
88) Benzo(k)fluoranthene	22.49	252	4134326	43.889	nq #	94
89) Benzo(a)pyrene	22.97	252	3893794	43.784	nq #	95
90) Dibenzo(a,h)anthracene	25.11	278	2584664	31.351	nq #	90
91) Benzo(g,h,i)perylene	25.71	276	3148661m	38.894	nq	

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



#1

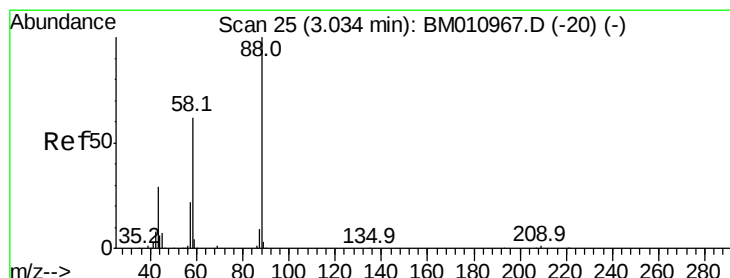
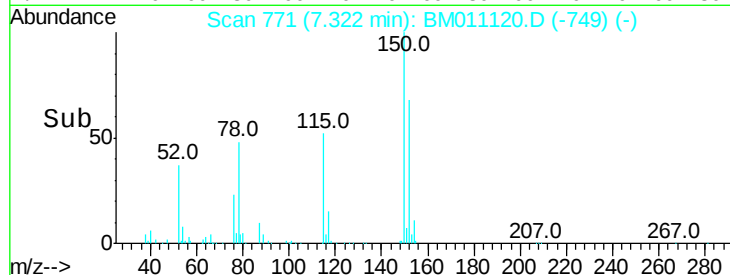
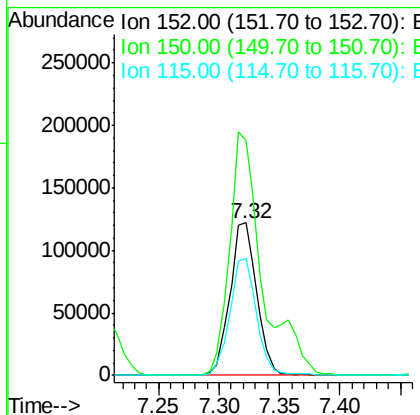
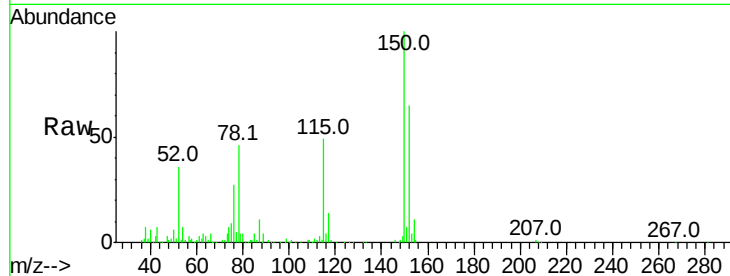
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 771
Delta R.T. -0.07 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampled :
PB101225BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	188851		
150	154.6	119.5	179.3	
115	76.4	43.0	64.4#	

Manual Integrations
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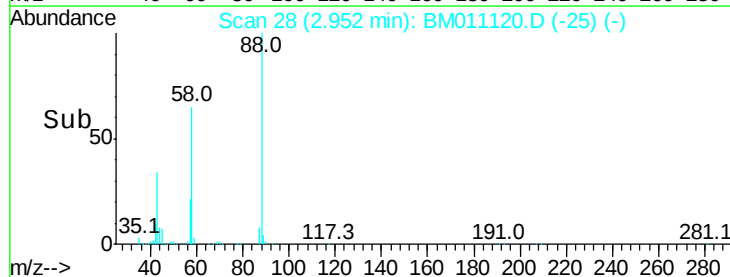
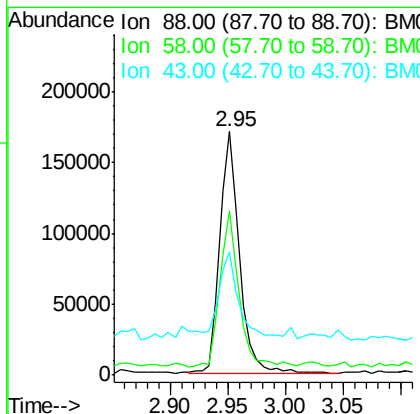
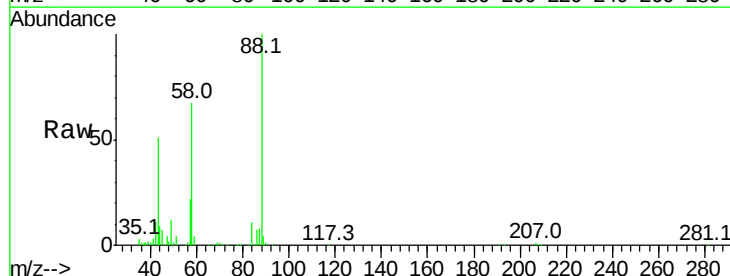
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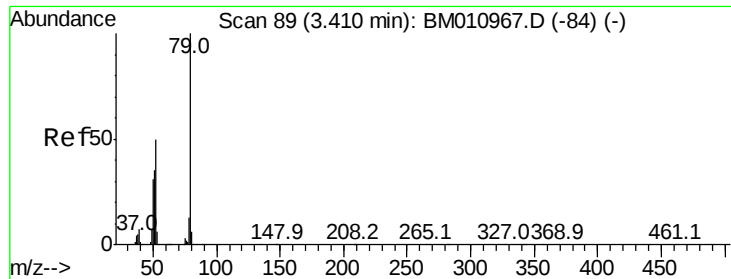


#2

1,4-Dioxane
Concen: 40.687 ng
RT: 2.95 min Scan# 28
Delta R.T. -0.08 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	204086		
58	62.8	0.0	0.0#	
43	30.7	0.0	0.0#	





#3

Pvridine

Concen: 35.282 ng

RT: 3.33 min Scan# 92

Delta R.T. -0.08 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

Instrument :

BNA_M

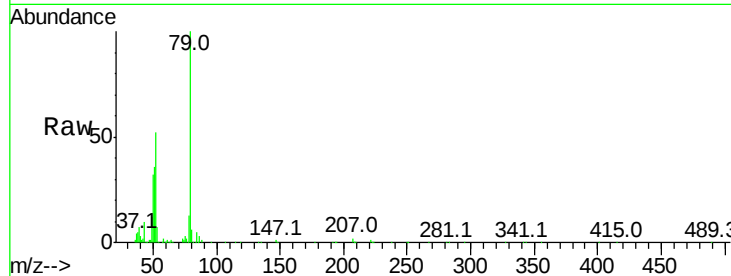
ClientSampleId :

PB101225BS

Tot Ion:	79	Resp:	483399
Ion Ratio	Lower	Upper	
79	100		
52	51.7	51.1	76.7
51	36.4	26.1	39.1

Manual Integrations
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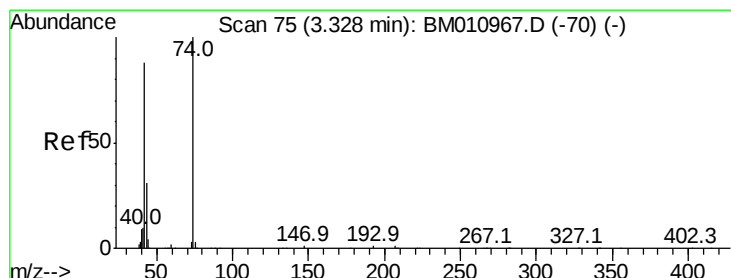
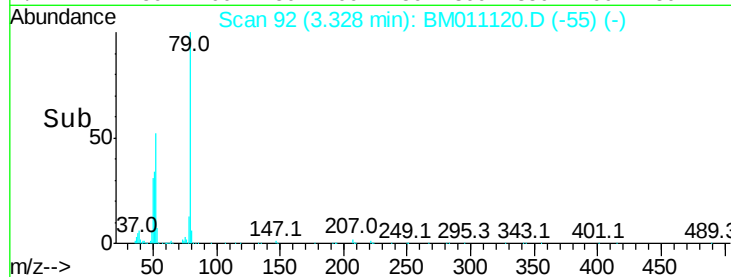
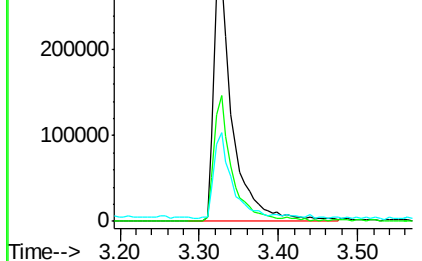


Abundance Ion 79.00 (78.70 to 79.70): BM011120.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM011120.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM011120.D (-92) (-)

Time-->



#4

n-Nitrosodimethylamine

Concen: 44.326 ng

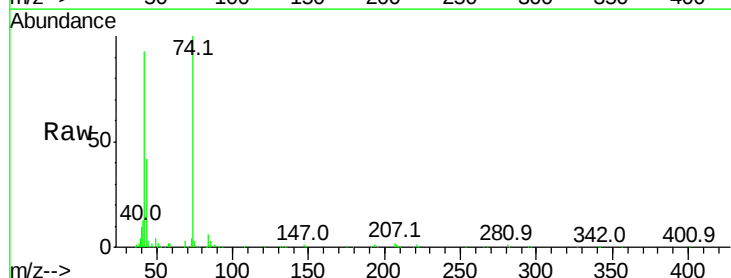
RT: 3.25 min Scan# 78

Delta R.T. -0.08 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

Tgt Ion:	42	Resp:	309493
Ion Ratio	Lower	Upper	
42	100		
74	107.5	119.3	178.9#
44	3.2	5.4	8.2#

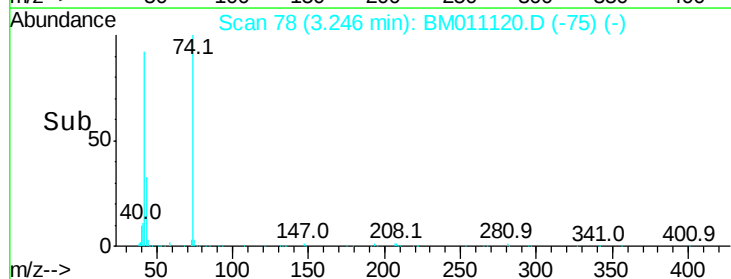
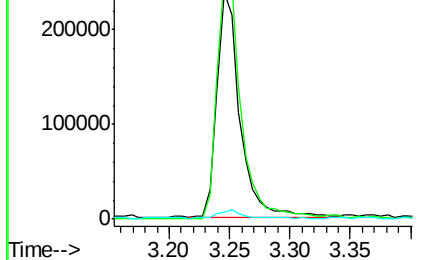


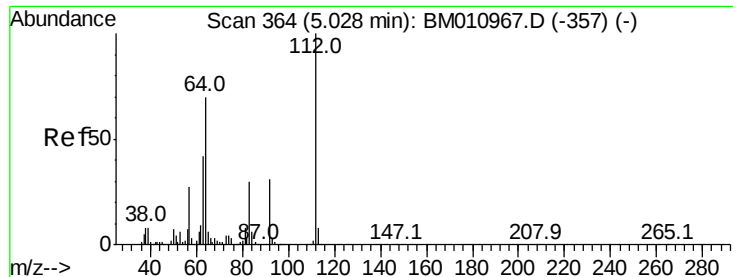
Abundance Ion 42.00 (41.70 to 42.70): BM011120.D (-78) (-)

Ion 74.00 (73.70 to 74.70): BM011120.D (-78) (-)

Ion 44.00 (43.70 to 44.70): BM011120.D (-78) (-)

Time-->





#5

2-Fluorophenol

Concen: 139.085 ng

RT: 4.96 min Scan# 370

Delta R.T. -0.06 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

Instrument :

BNA_M

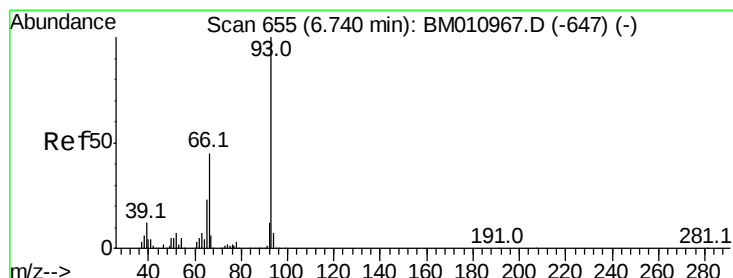
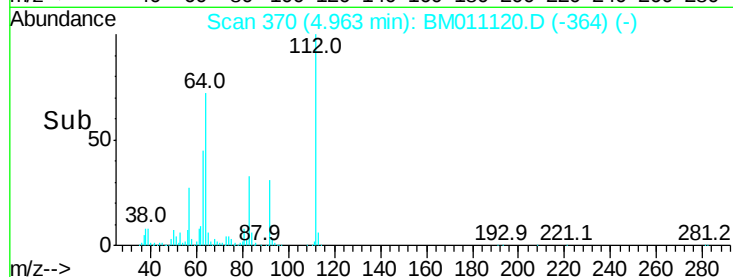
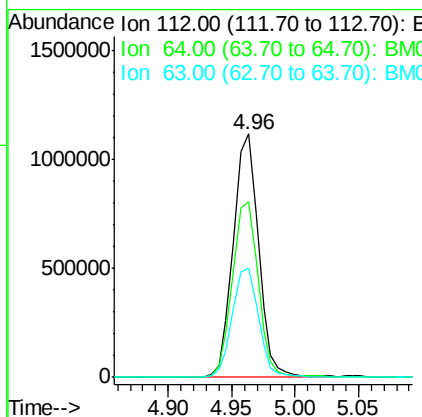
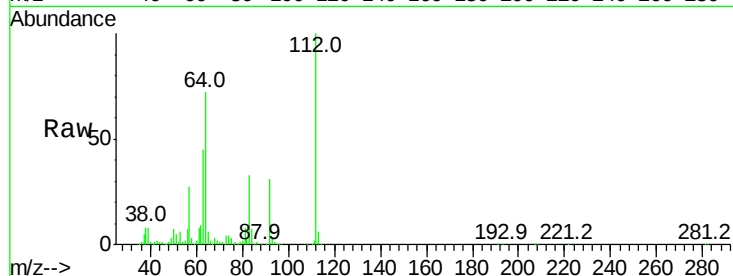
ClientSampled :

PB101225BS

Tot Ion:	112	Resp:	1553814
Ion Ratio	Lower	Upper	
112	100		
64	72.0	38.6	57.8#
63	44.9	19.3	28.9#

Manual Integrations
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#6

Aniline

Concen: 41.770 ng

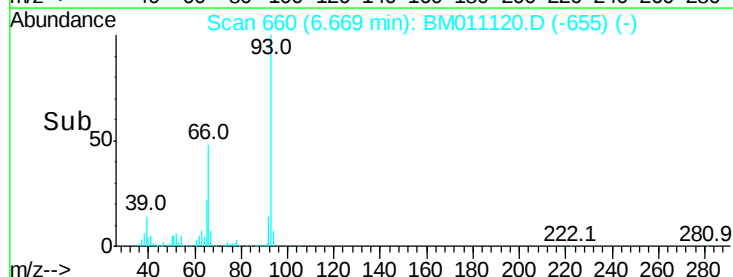
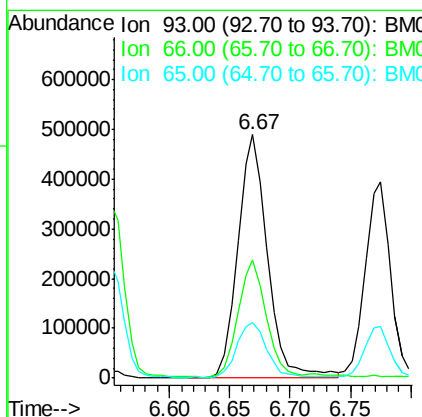
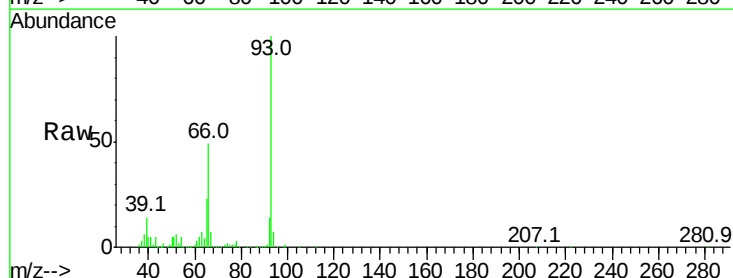
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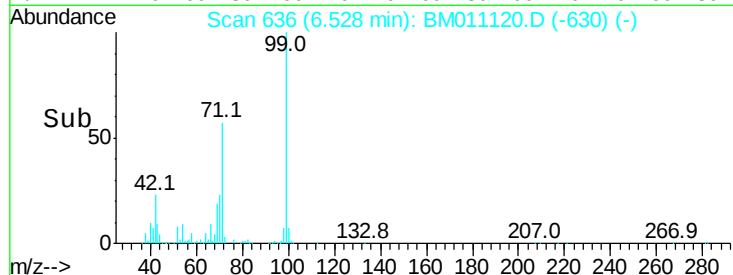
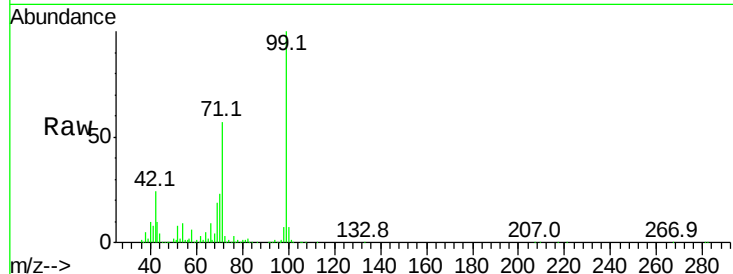
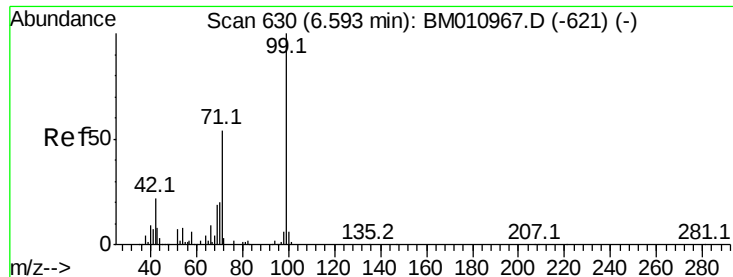
Delta R.T. -0.07 min

Lab File: BM011120.D

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Tgt Ion:	93	Resp:	835626
Ion Ratio	Lower	Upper	
93	100		
66	48.8	30.8	46.2#
65	22.7	16.0	24.0





#7

Phenol-d6

Concen: 145.344 ng

RT: 6.53 min Scan# 636

Delta R.T. -0.06 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

Tot Ion	99	Ratio	100	Resp	2307046	Lower	Upper
99	100						
42	23.5			11.0	16.4#		
71	57.4			23.4	35.2#		

Instrument :

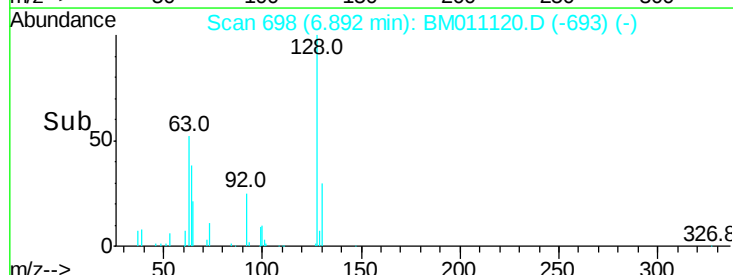
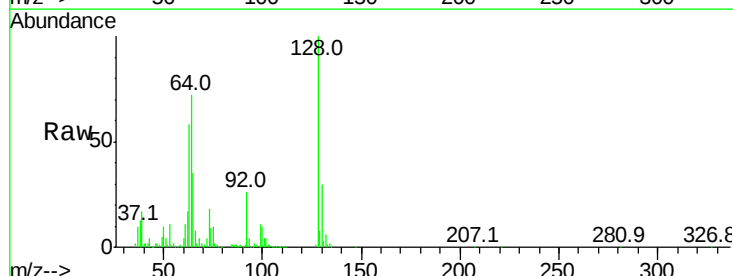
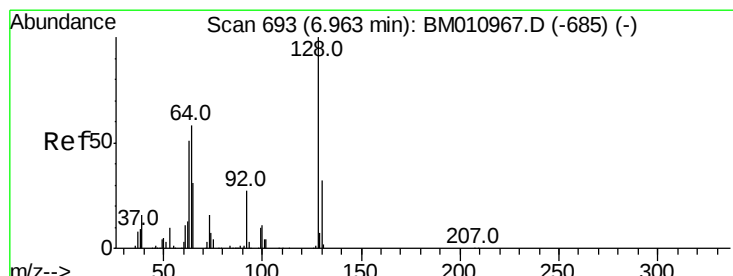
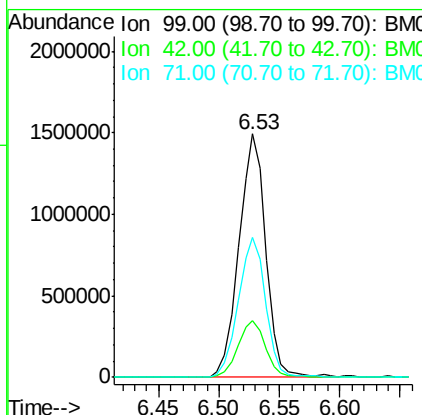
BNA_M

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#8

2-Chlorophenol

Concen: 47.802 ng

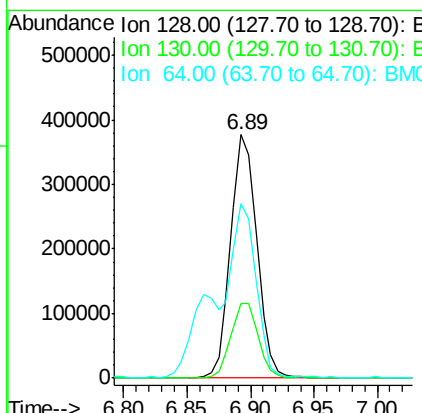
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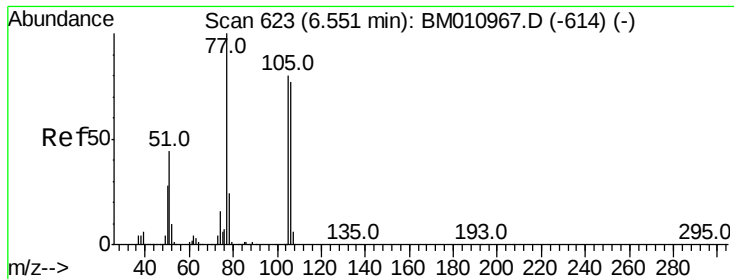
Delta R.T. -0.07 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

Tgt Ion	128	Ratio	100	Resp	542185	Lower	Upper
128	100						
130	30.5			12.0	52.0		
64	71.7			24.9	64.9#		





#9

Benzaldehyde

Concen: 31.271 ng

RT: 6.48 min Scan# 628

Delta R.T. -0.07 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

Instrument :

BNA_M

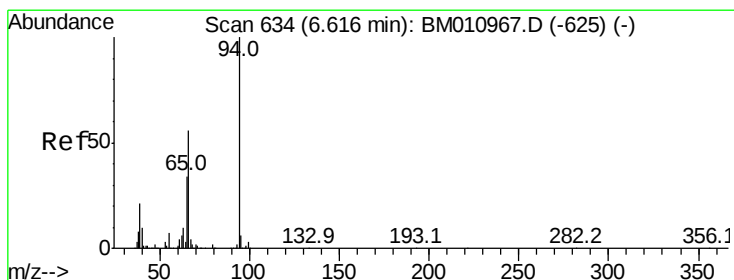
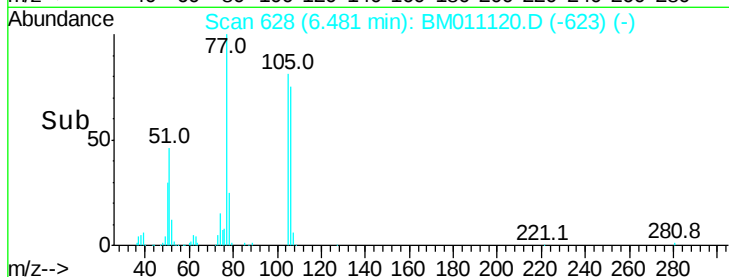
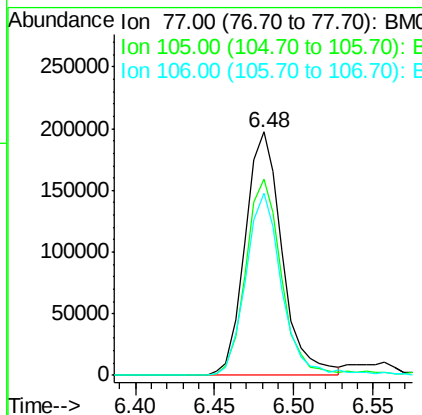
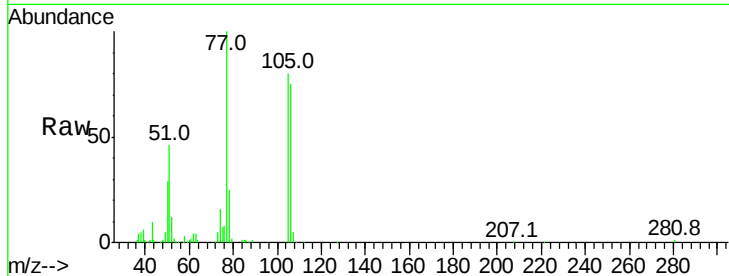
ClientSampled :

PB101225BS

Tot Ion:	77	Resp:	321155
Ion Ratio	Lower	Upper	
77	100		
105	80.4	78.8	118.8
106	74.7	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 47.140 ng

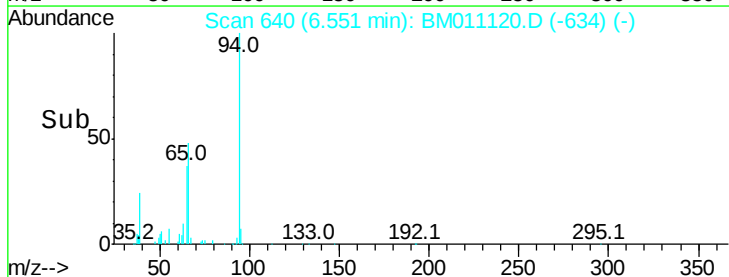
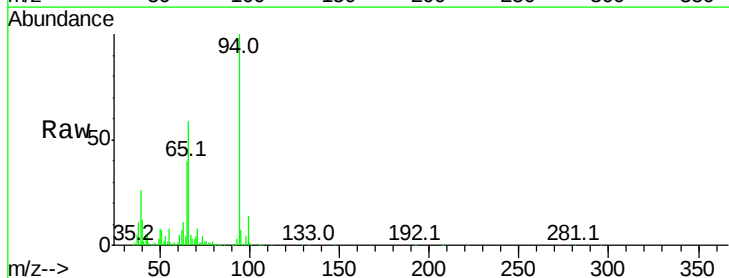
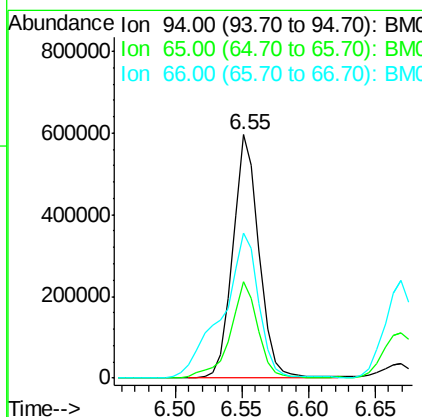
RT: 6.55 min Scan# 640

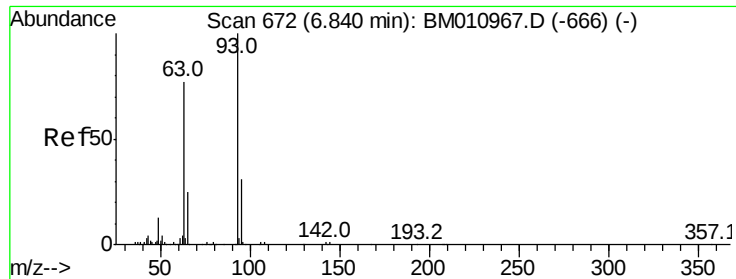
Delta R.T. -0.06 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

Tgt Ion:	94	Resp:	812725
Ion Ratio	Lower	Upper	
94	100		
65	39.5	18.8	58.8
66	59.4	39.9	79.9





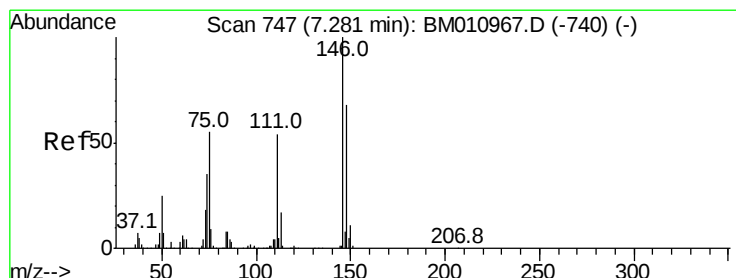
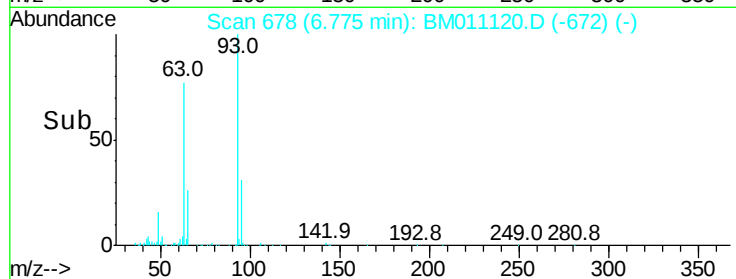
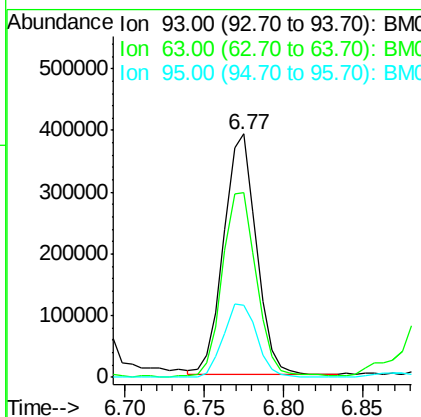
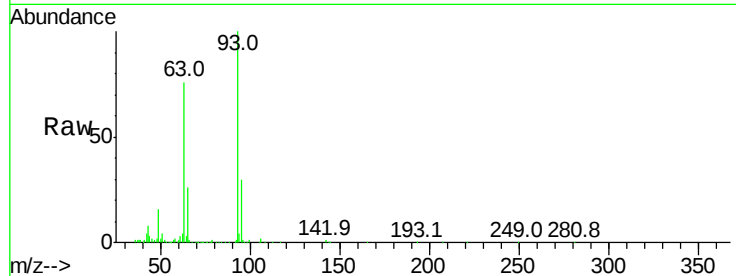
#11
bis(2-Chloroethyl)ether
Concen: 41.646 ng
RT: 6.77 min Scan# 678
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	559446		
63	75.8	49.5	89.5	
95	29.9	13.5	53.5	

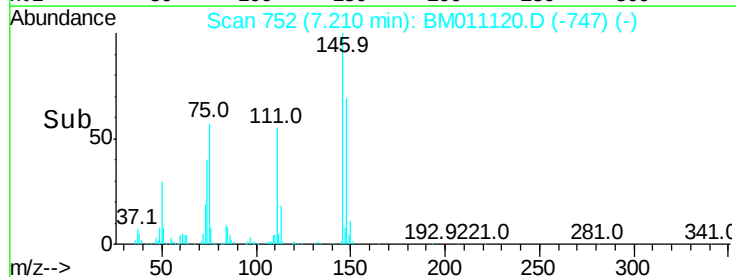
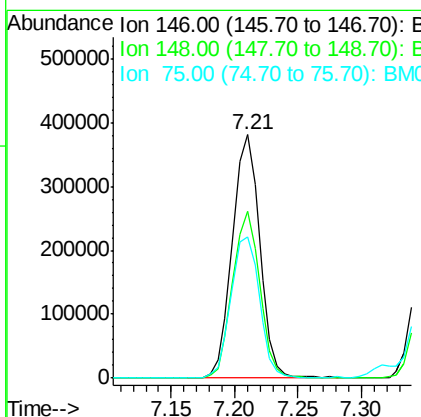
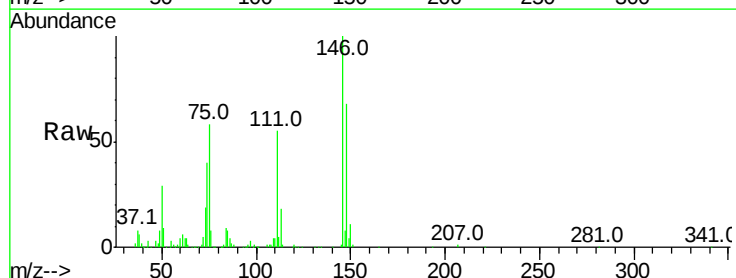
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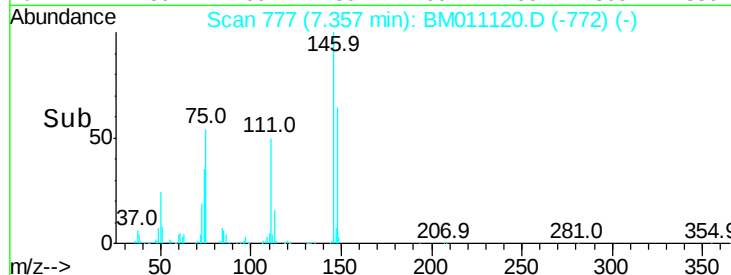
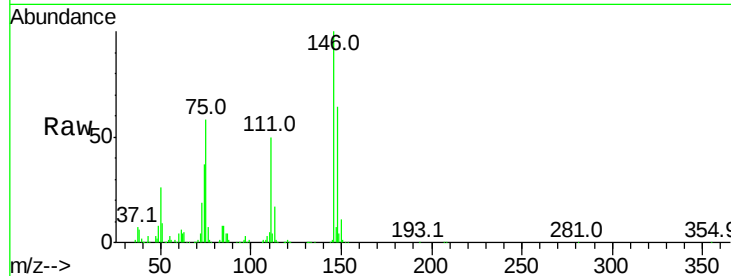
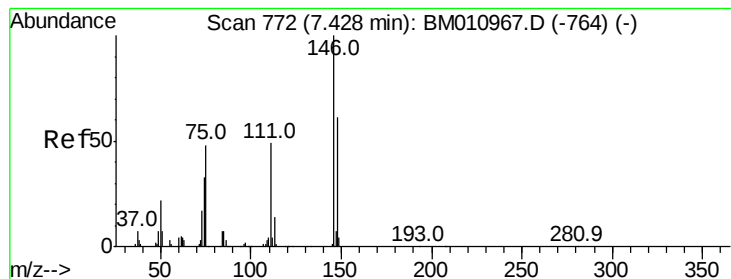
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.346 ng
RT: 7.21 min Scan# 752
Delta R.T. -0.07 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	571525		
148	68.3	50.9	76.3	
75	57.8	21.4	32.2	





#13

1,4-Dichlorobenzene

Concen: 41.497 ng

RT: 7.36 min Scan# 777

Delta R.T. -0.07 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

Tot Ion:	146	Resp:	587961
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.9	77.9
111	49.8	29.2	43.8#

Instrument :

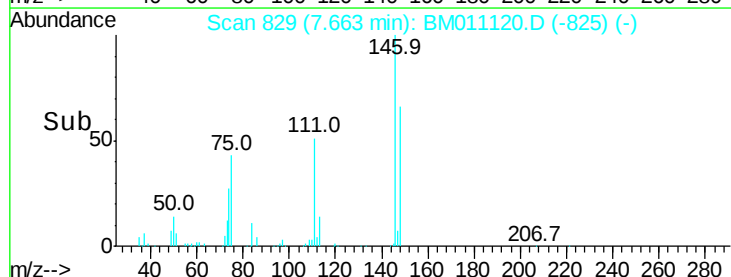
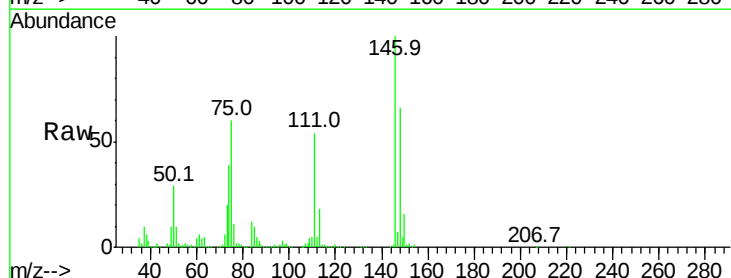
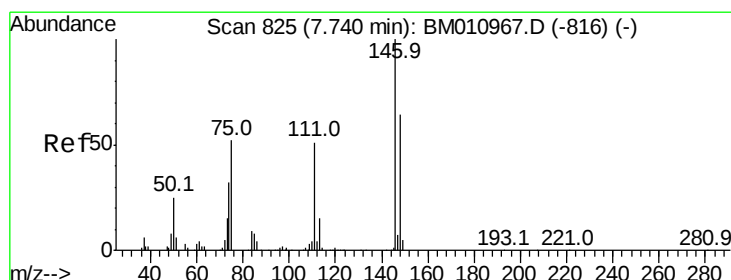
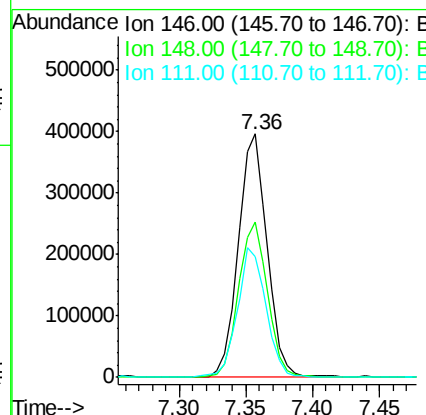
BNA_M

ClientSampled :

PB101225BS

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#14

1,2-Dichlorobenzene

Concen: 46.776 ng

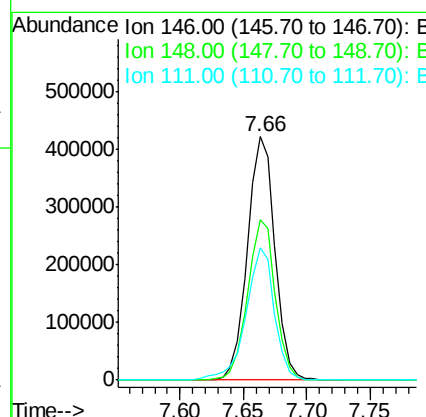
RT: 7.66 min Scan# 829

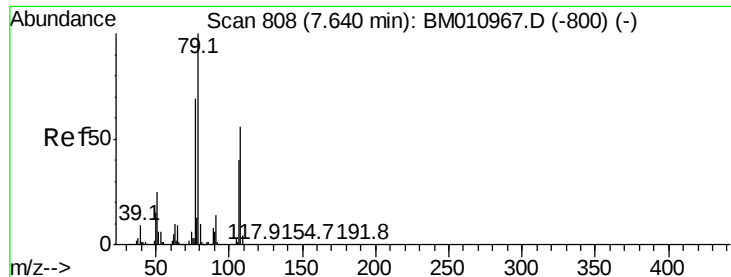
Delta R.T. -0.08 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

Tgt Ion:	146	Resp:	633678
Ion Ratio	Lower	Upper	
146	100		
148	66.0	52.3	78.5
111	54.4	30.6	45.8#





#15

Benzyl Alcohol

Concen: 48.695 ng

RT: 7.57 min Scan# 813

Delta R.T. -0.07 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

Instrument :

BNA_M

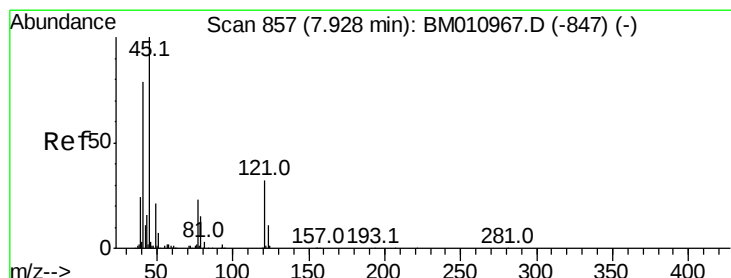
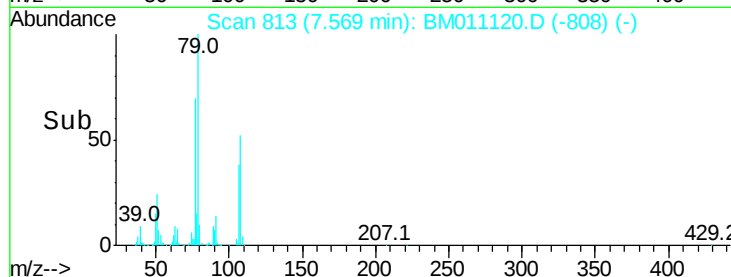
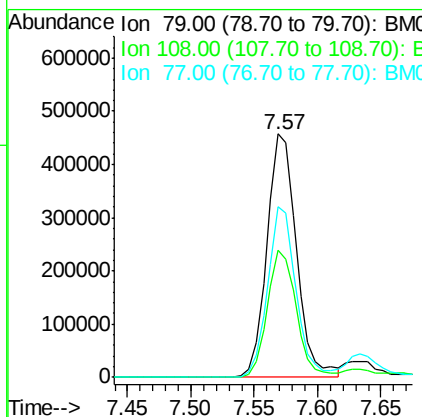
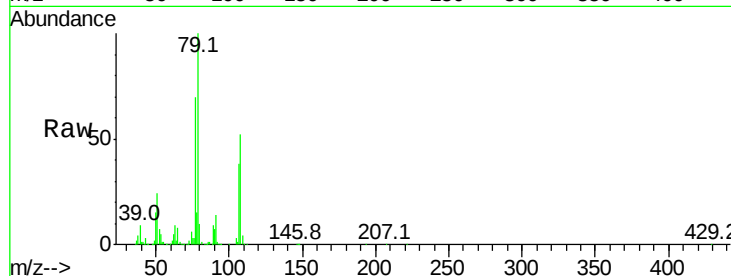
ClientSampled :

PB101225BS

Tot Ion:	79	Resp:	741481
Ion Ratio	Lower	Upper	
79	100		
108	52.0	65.0	97.4#
77	70.3	53.0	79.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 54.369 ng

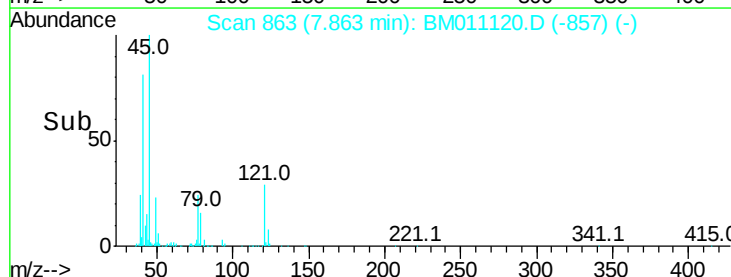
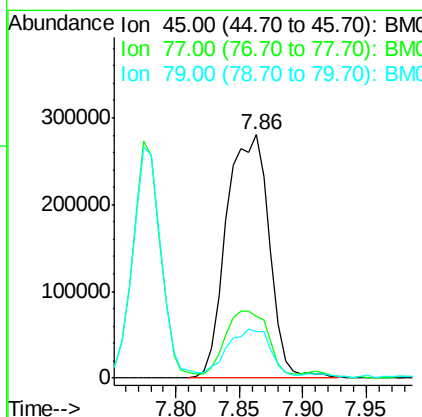
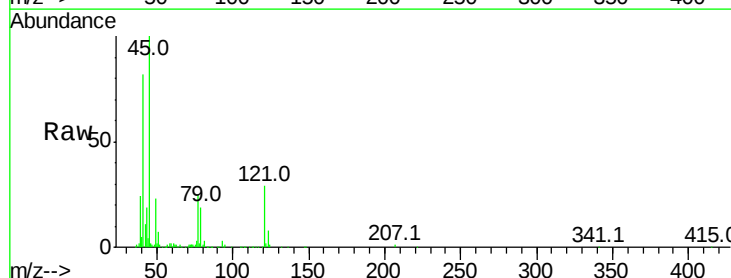
RT: 7.86 min Scan# 863

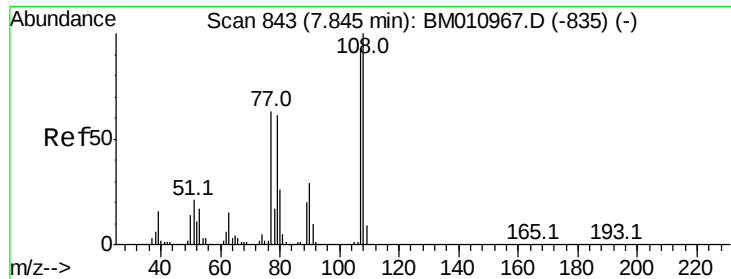
Delta R.T. -0.06 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

Tgt Ion:	45	Resp:	657216
Ion Ratio	Lower	Upper	
45	100		
77	25.3	0.0	35.2
79	19.1	0.0	32.0





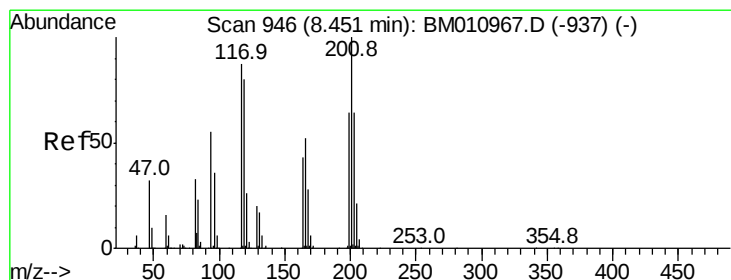
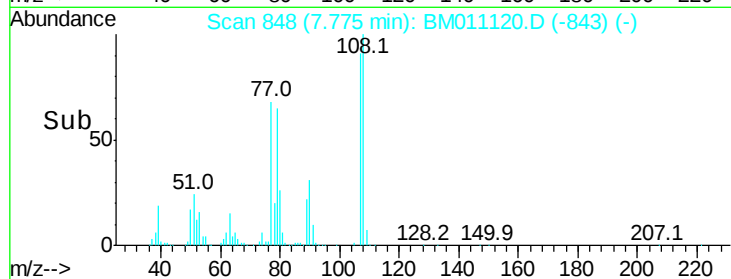
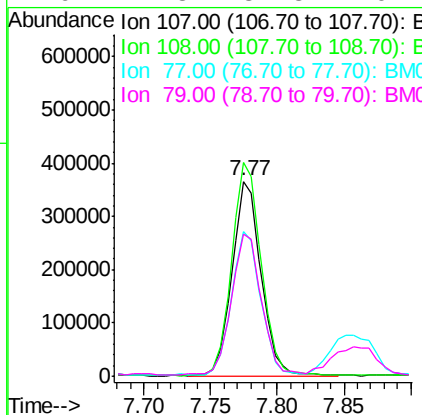
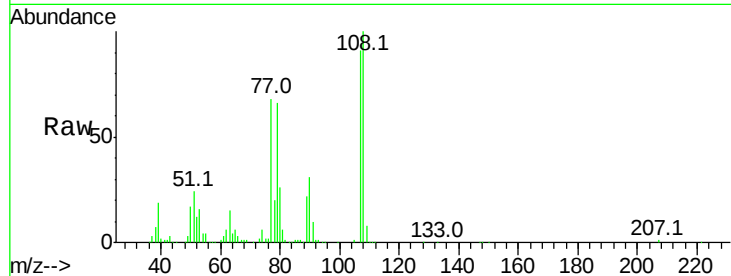
#17
2-Methylphenol
Concen: 49.875 ng
RT: 7.77 min Scan# 848
Delta R.T. -0.07 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	89.8	134.8	
77	74.5	32.6	48.8#	
79	72.8	32.8	49.2#	

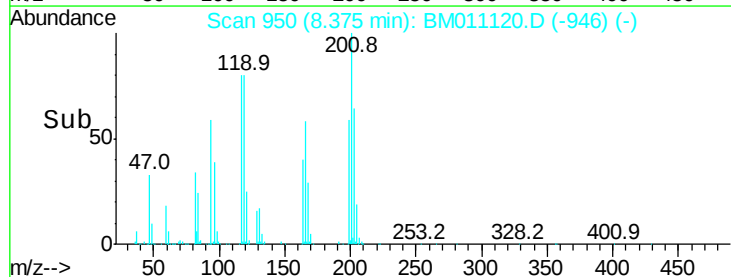
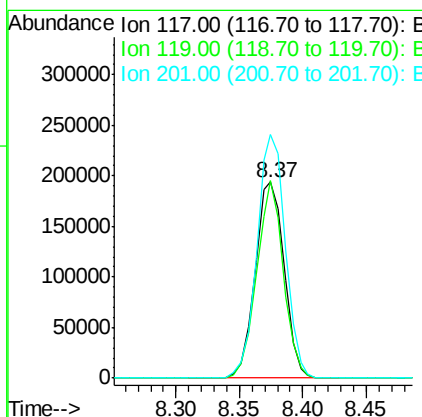
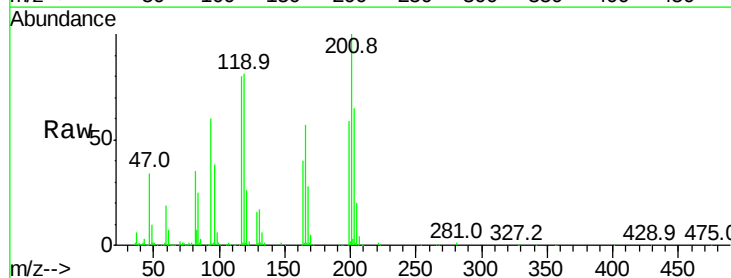
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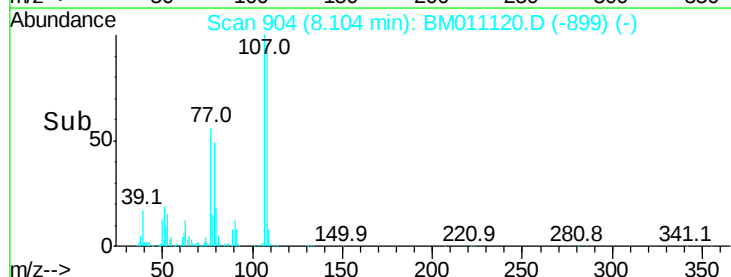
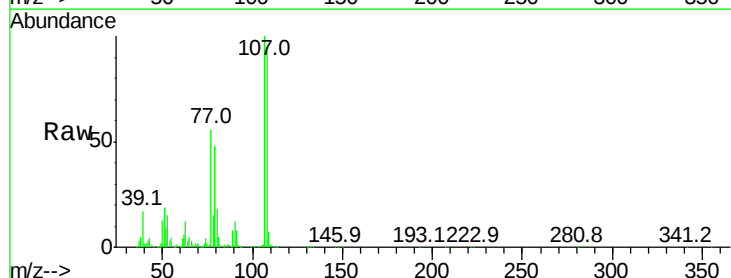
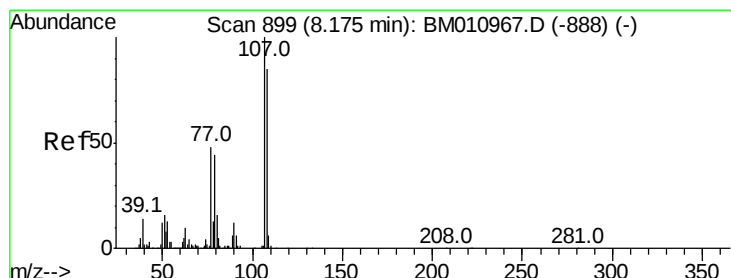
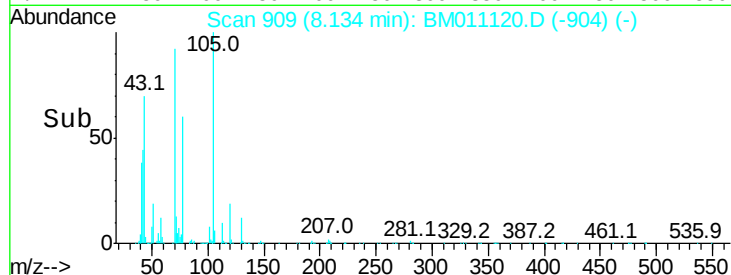
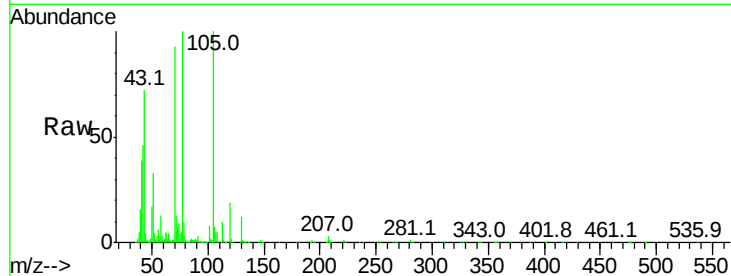
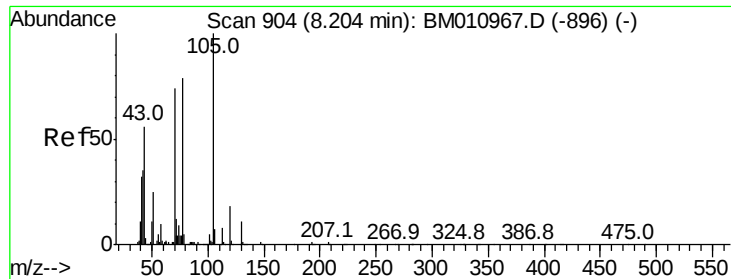
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#18
Hexachloroethane
Concen: 50.131 ng
RT: 8.37 min Scan# 950
Delta R.T. -0.08 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.7	79.2	118.8	
201	124.4	69.8	104.6#	





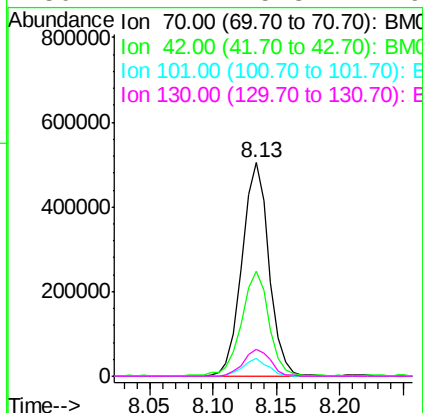
#19
n-Nitroso-di-n-propylamine
Concen: 55.028 ng
RT: 8.13 min Scan# 909
Delta R.T. -0.07 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	49.1	44.5	66.7	
101	8.2	7.4	11.2	
130	12.4	15.3	22.9	

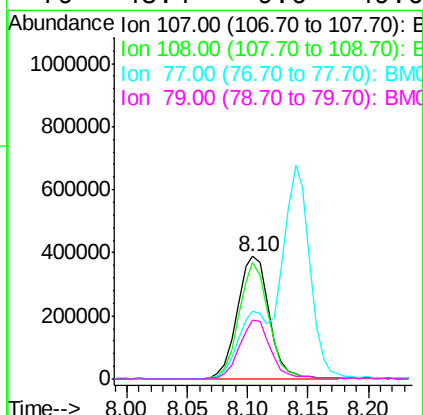
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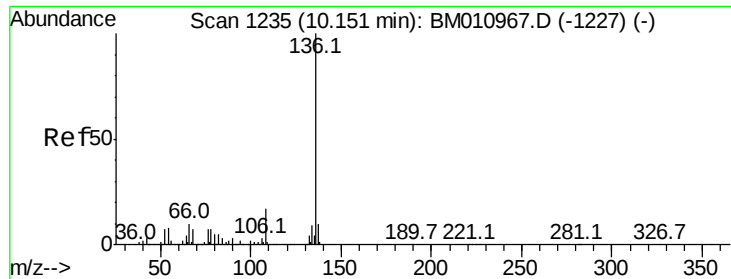
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#20
3+4-Methylphenols
Concen: 46.929 ng
RT: 8.10 min Scan# 904
Delta R.T. -0.07 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	94.5	73.2	113.2	
77	55.8	10.7	50.7	
79	48.4	9.6	49.6	





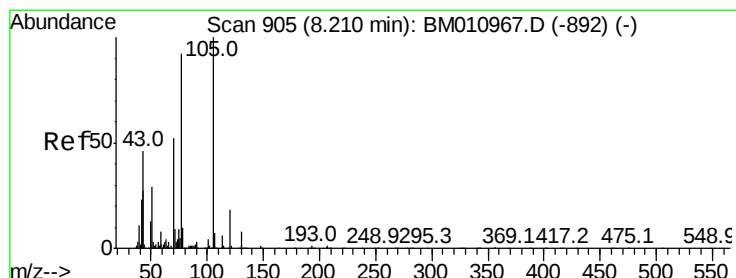
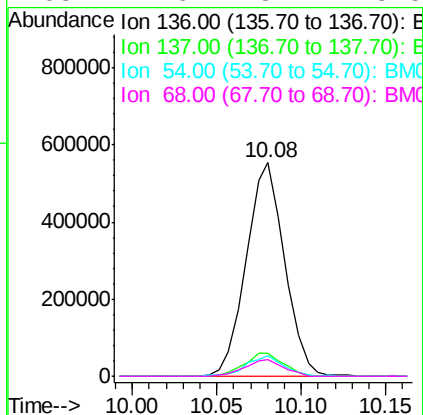
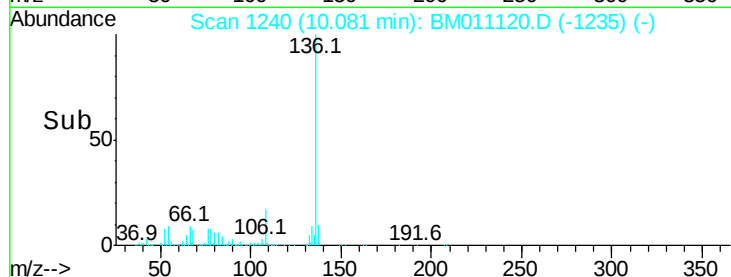
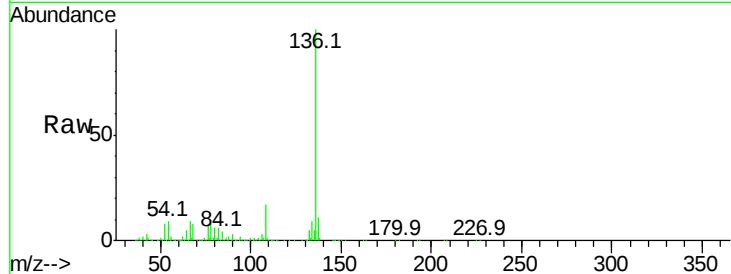
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.08 min Scan# 1240
Delta R.T. -0.07 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.7	13.1	
54	9.4	4.6	6.8#	
68	7.6	3.7	5.5#	

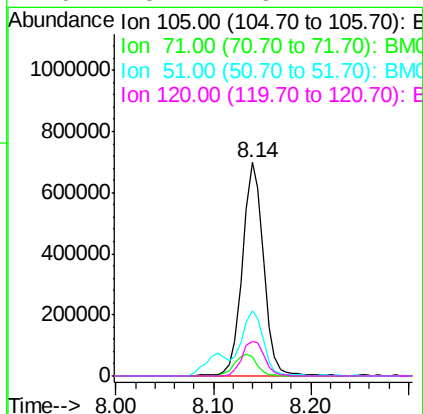
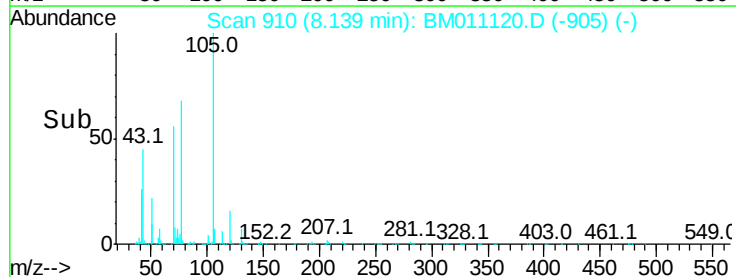
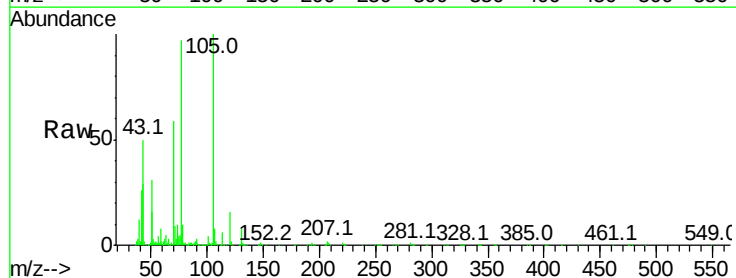
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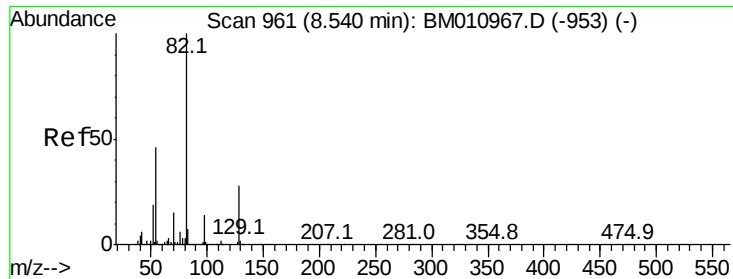
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#22
Acetophenone
Concen: 40.491 ng
RT: 8.14 min Scan# 910
Delta R.T. -0.07 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.0	0.6	1.0#	
51	30.5	21.6	32.4	
120	16.2	16.1	24.1	





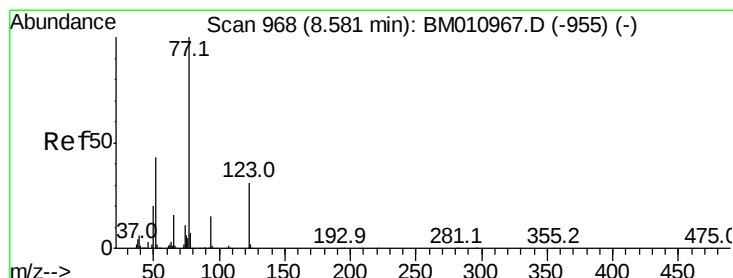
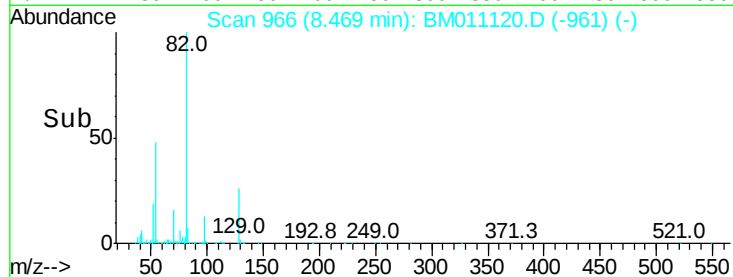
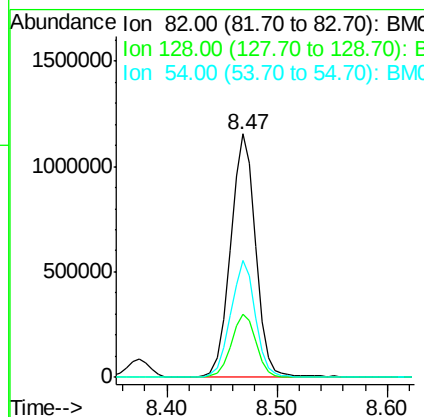
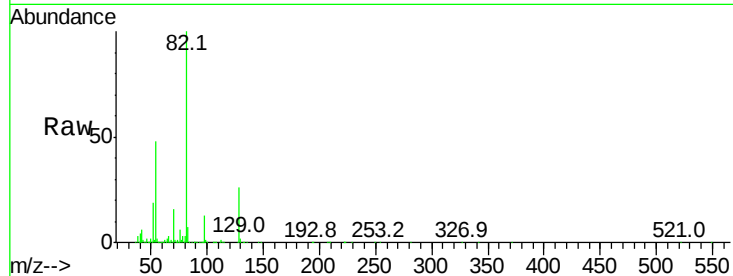
#23
 Nitrobenzene-d5
 Concen: 79.338 ng
 RT: 8.47 min Scan# 966
 Delta R.T. -0.07 min
 Lab File: BM011120.D
 Acq: 04 Aug 2017 16:45

Instrument :
 BNA_M
 ClientSampleId :
 PB101225BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	25.7	32.8	49.2#
54	47.9	40.6	60.8

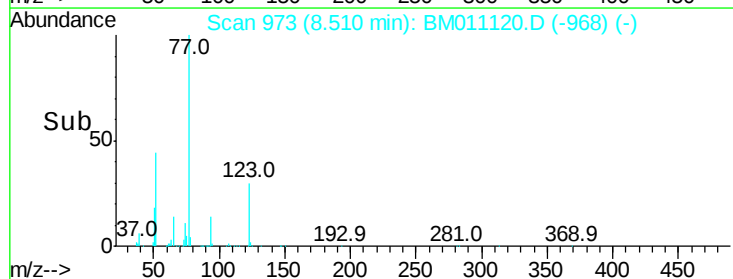
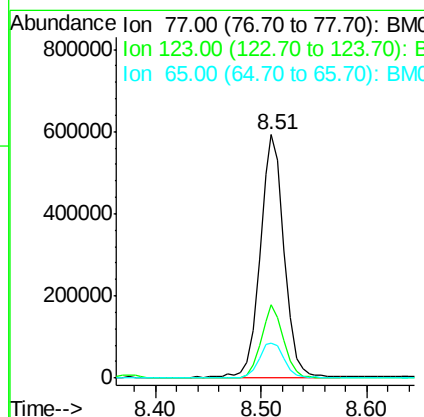
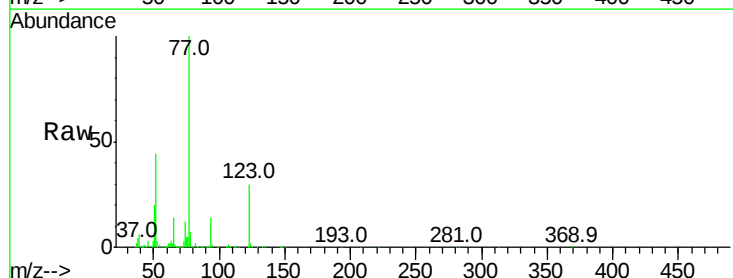
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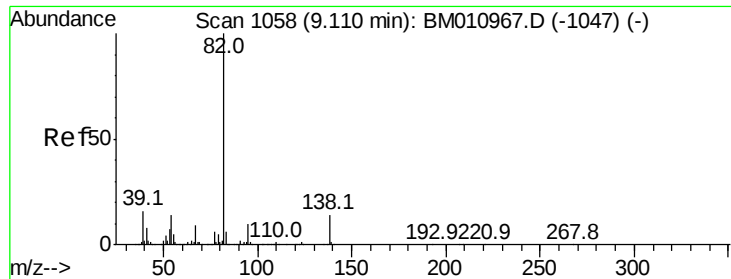
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#24
 Nitrobenzene
 Concen: 38.518 ng
 RT: 8.51 min Scan# 973
 Delta R.T. -0.07 min
 Lab File: BM011120.D
 Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	30.1	32.6	49.0#
65	14.2	10.9	16.3





#25

Isophorone

Concen: 49.999 ng

RT: 9.03 min Scan# 1062

Delta R.T. -0.08 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

Instrument :

BNA_M

ClientSampleId :

PB101225BS

Tot Ion: 82 Resp: 1935382

Ion Ratio Lower Upper

82 100

95 8.5 5.8 8.6

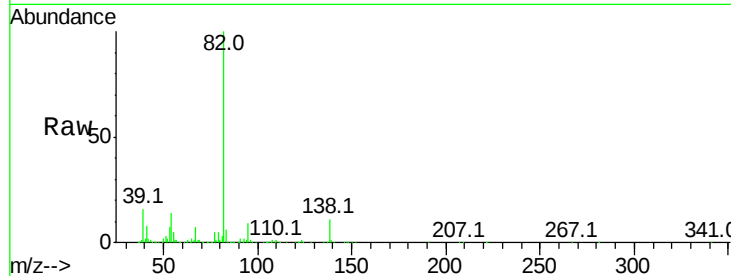
138 11.1 16.3 24.5#

Manual Integrations

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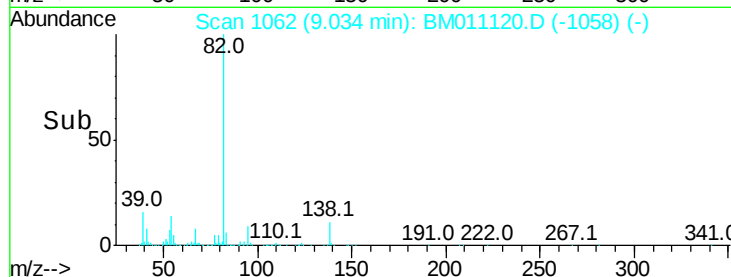


Abundance Ion 82.00 (81.70 to 82.70): BM011120.D (-1062) (-)

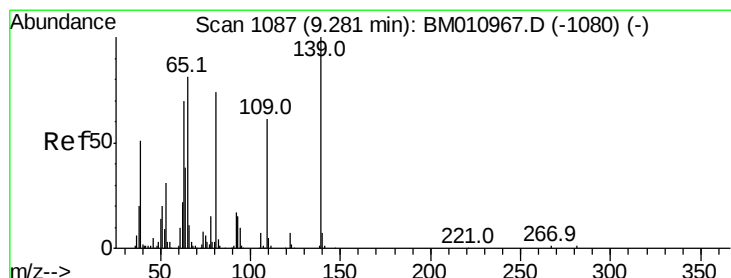
Ion 95.00 (94.70 to 95.70): BM011120.D (-1062) (-)

Ion 138.00 (137.70 to 138.70): BM011120.D (-1062) (-)

Time-->



Time-->



#26

2-Nitrophenol

Concen: 39.297 ng

RT: 9.21 min Scan# 1092

Delta R.T. -0.07 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

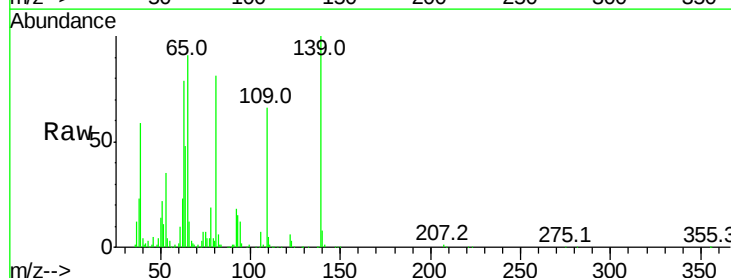
Tgt Ion: 139 Resp: 300805

Ion Ratio Lower Upper

139 100

109 66.0 20.1 30.1#

65 90.6 31.5 47.3#

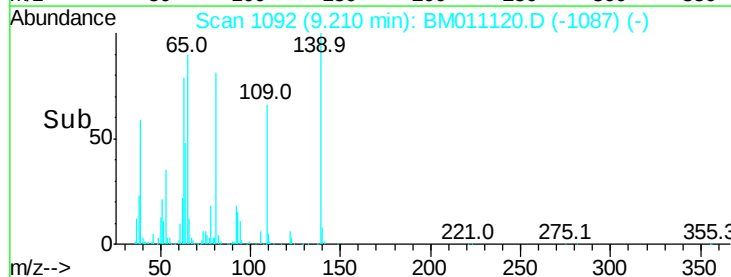


Abundance Ion 139.00 (138.70 to 139.70): BM011120.D (-1092) (-)

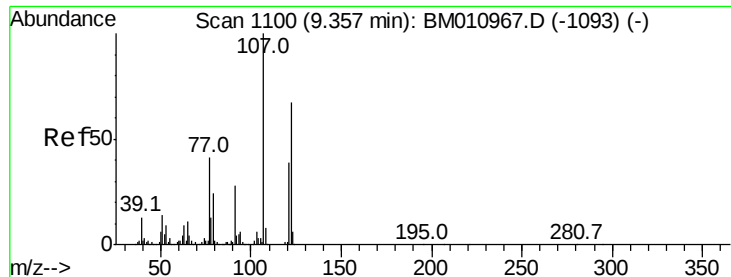
Ion 109.00 (108.70 to 109.70): BM011120.D (-1092) (-)

Ion 65.00 (64.70 to 65.70): BM011120.D (-1092) (-)

Time-->



Time-->



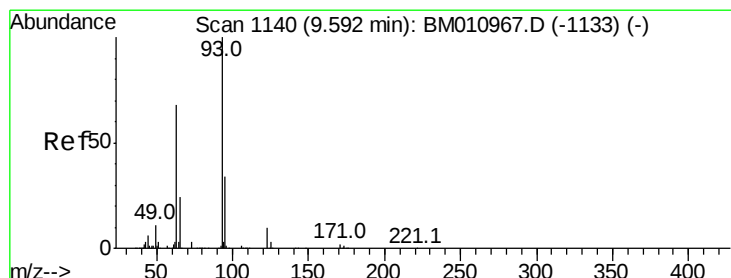
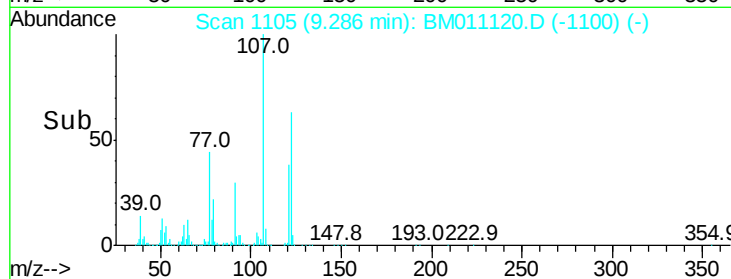
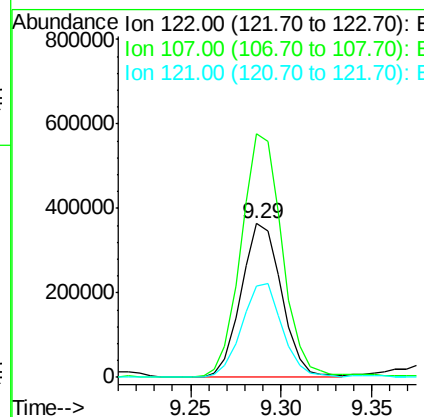
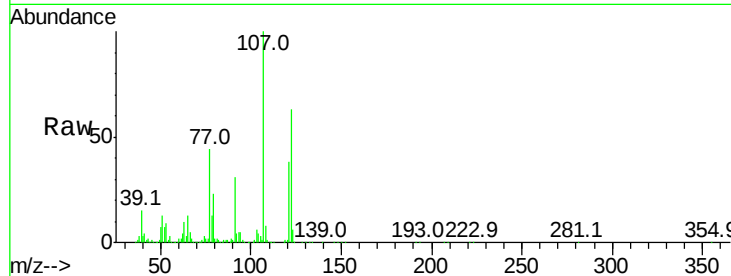
#27
2,4-Dimethylphenol
Concen: 42.195 ng
RT: 9.29 min Scan# 1105
Delta R.T. -0.07 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	568575		
107	158.3	84.7	127.1#	
121	59.6	46.6	69.8	

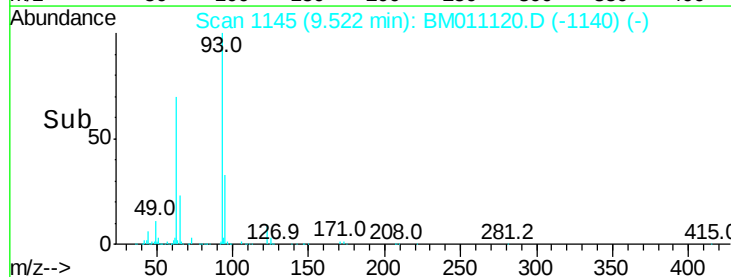
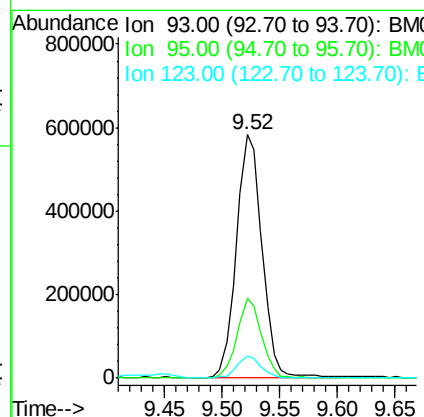
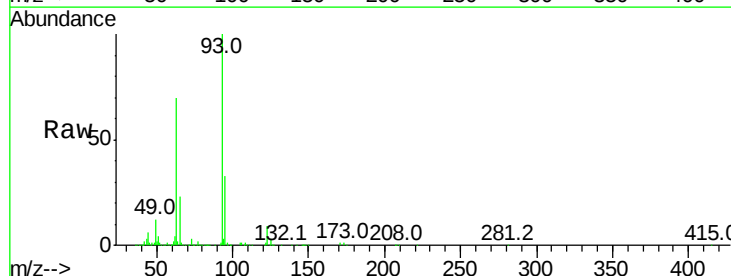
Manual Integrations
APPROVED

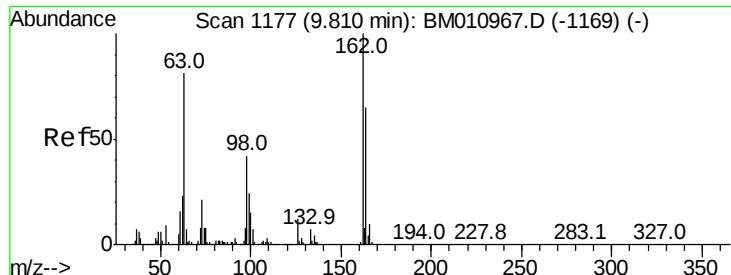
Sohil
8/7/2017 6:07:38 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.346 ng
RT: 9.52 min Scan# 1145
Delta R.T. -0.07 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	892623		
95	32.7	25.5	38.3	
123	9.3	8.6	13.0	





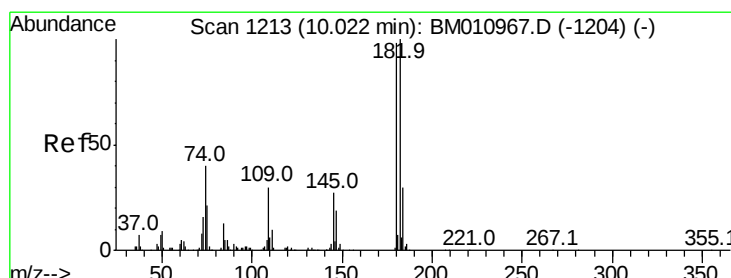
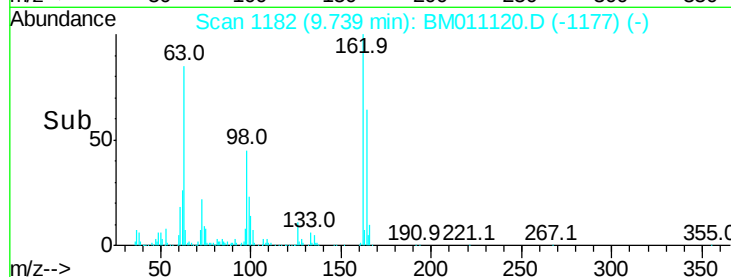
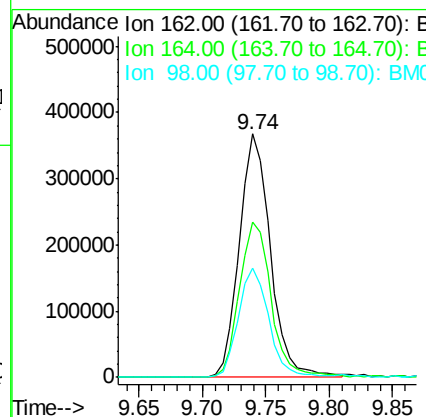
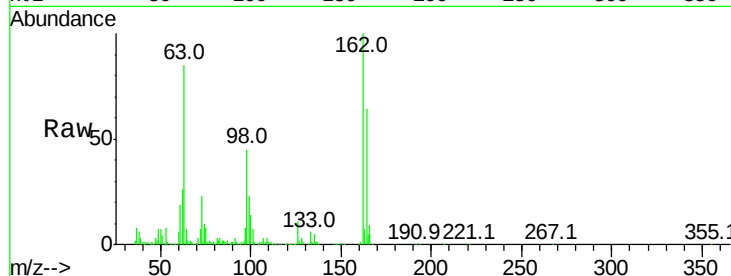
#29
2,4-Dichlorophenol
Concen: 41.321 ng
RT: 9.74 min Scan# 1182
Delta R.T. -0.07 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	625674		
164	63.8	42.8	82.8	
98	44.7	14.5	54.5	

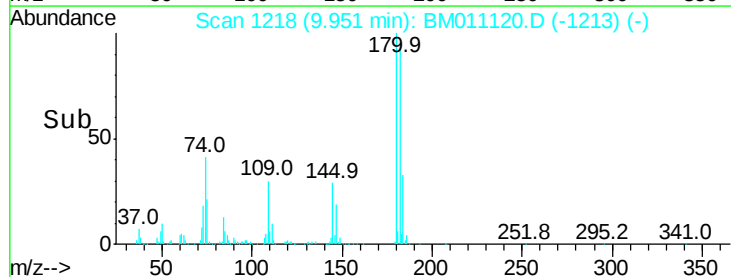
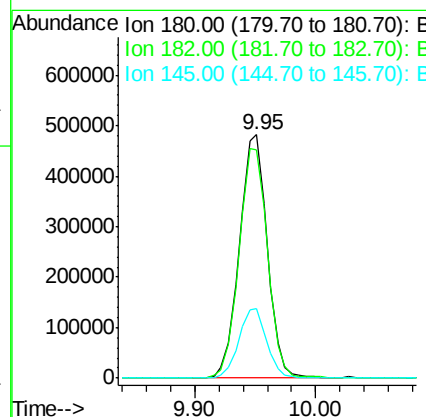
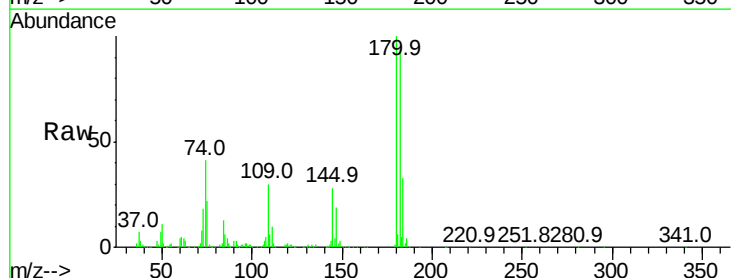
Manual Integrations
APPROVED

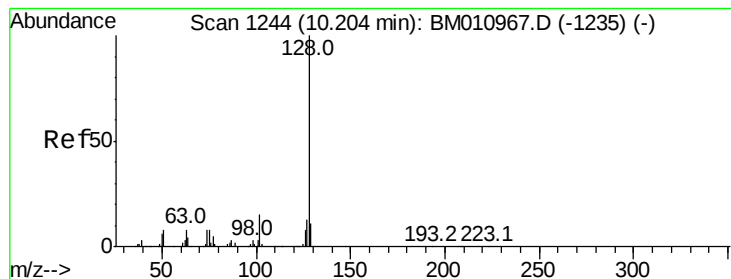
Sohil
8/7/2017 6:07:38 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.512 ng
RT: 9.95 min Scan# 1218
Delta R.T. -0.07 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	777191		
182	94.0	77.6	116.4	
145	28.4	23.4	35.2	





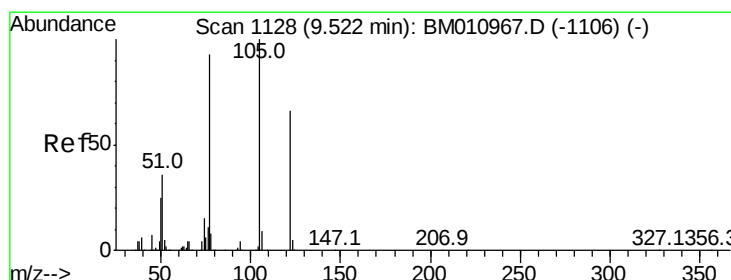
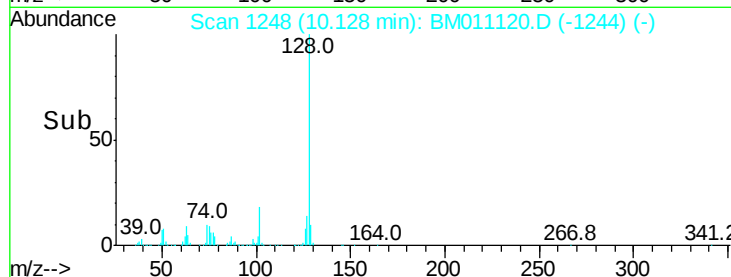
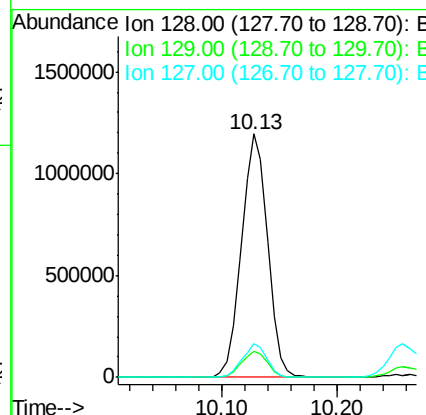
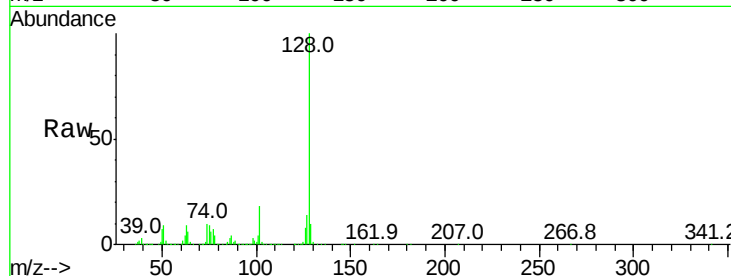
#31
Naphthalene
Concen: 42.655 ng
RT: 10.13 min Scan# 1248
Delta R.T. -0.08 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.9	13.3
127	13.8	10.4	15.6

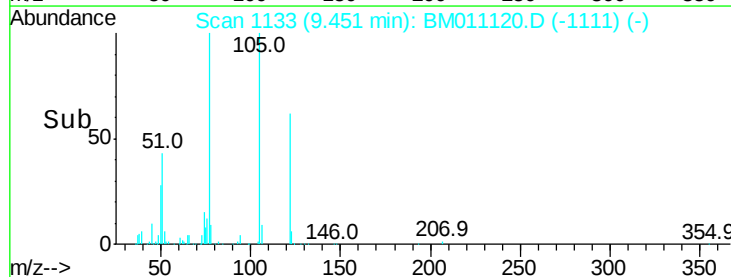
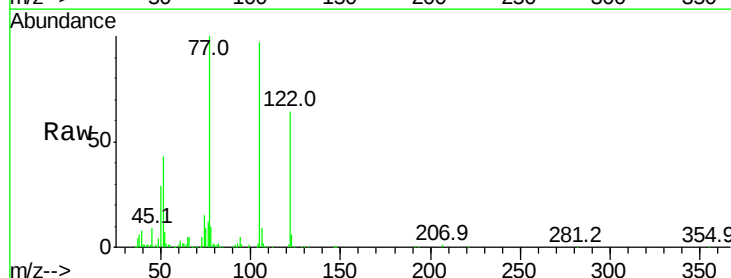
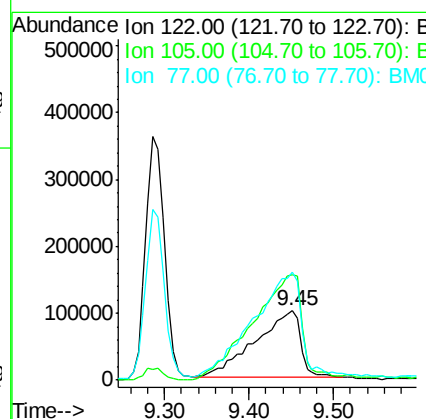
Manual Integrations
APPROVED

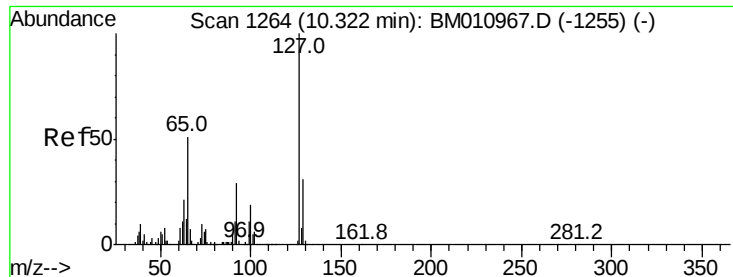
Sohil
8/7/2017 6:07:38 PM



#32
Benzoic acid
Concen: 34.620 ng
RT: 9.45 min Scan# 1133
Delta R.T. -0.07 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	151.7	99.9	139.9#
77	156.2	73.7	113.7#





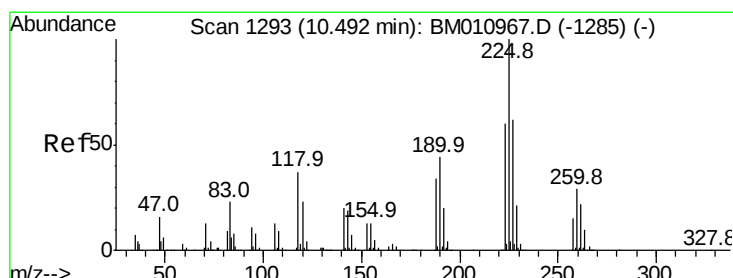
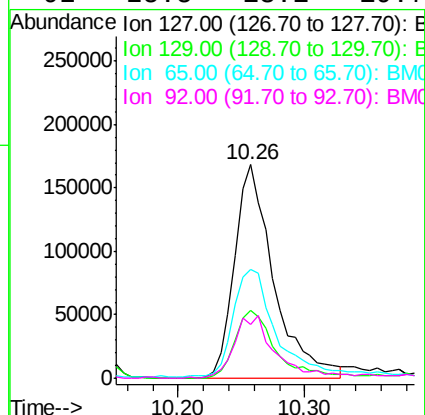
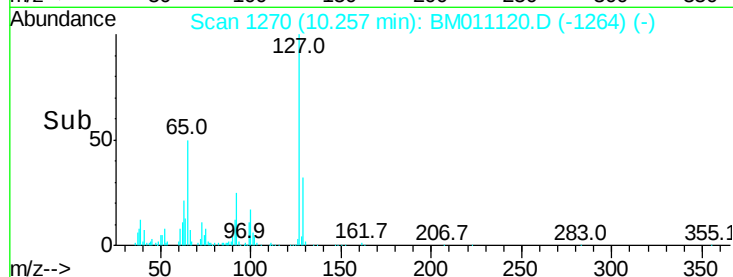
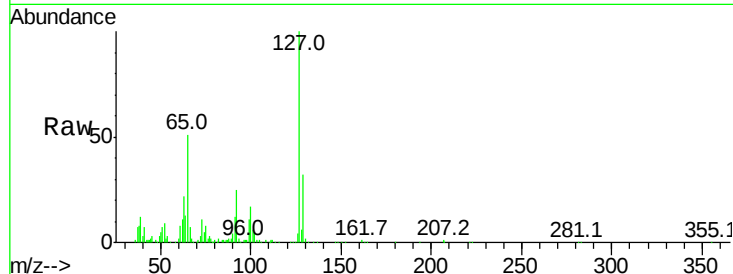
#33
4-Chloroaniline
Concen: 20.713 ng
RT: 10.26 min Scan# 1270
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	25.3	37.9		
65	51.0	17.6	26.4		
92	25.5	13.1	19.7		

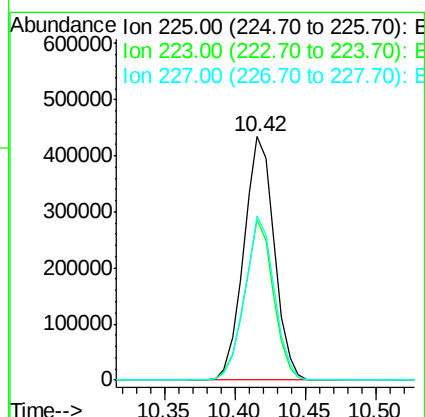
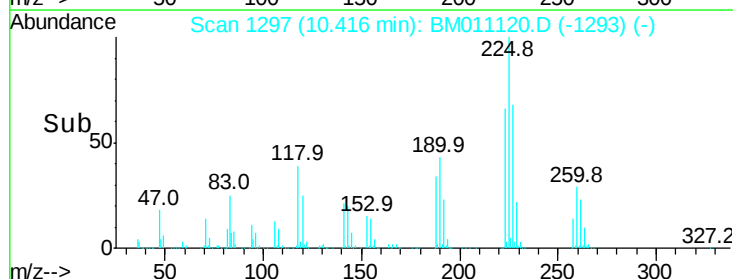
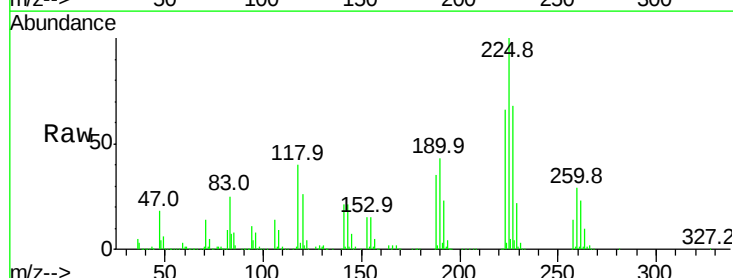
Manual Integrations
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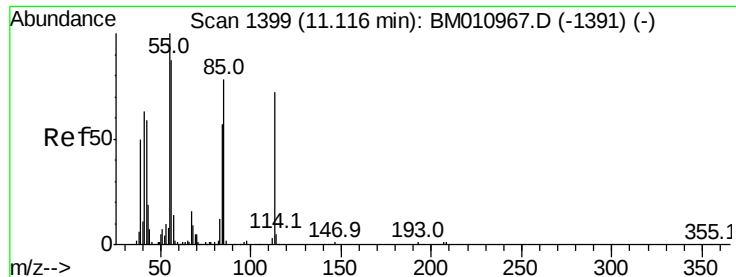
Sohil
8/7/2017 6:07:38 PM



#34
Hexachlorobutadiene
Concen: 44.474 ng
RT: 10.42 min Scan# 1297
Delta R.T. -0.08 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.7	47.9	71.9		
227	67.5	50.1	75.1		





#35

Caprolactam

Concen: 52.793 ng/mL

RT: 11.06 min Scan# 1406

Delta R.T. -0.06 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

Instrument :

BNA_M

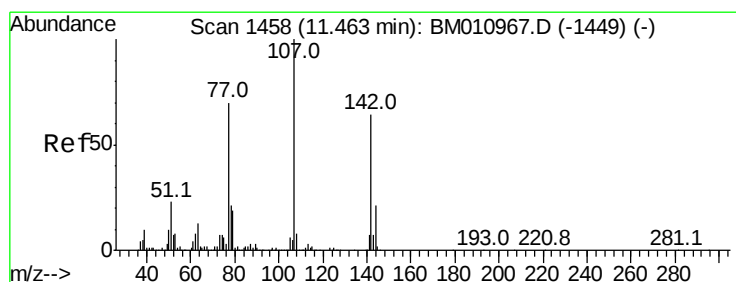
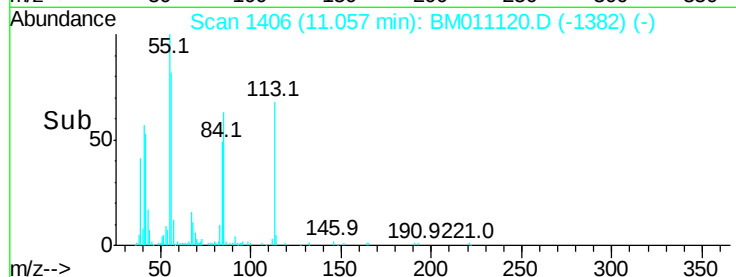
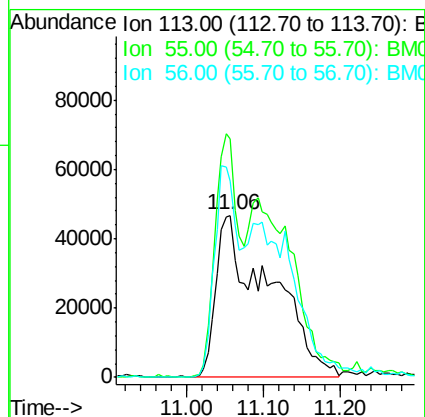
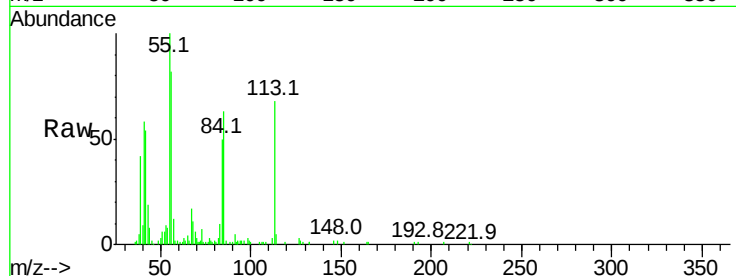
ClientSampleId :

PB101225BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	22695		
55	147.0		145.9	185.9
56	120.9		101.0	141.0

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 44.067 ng/mL

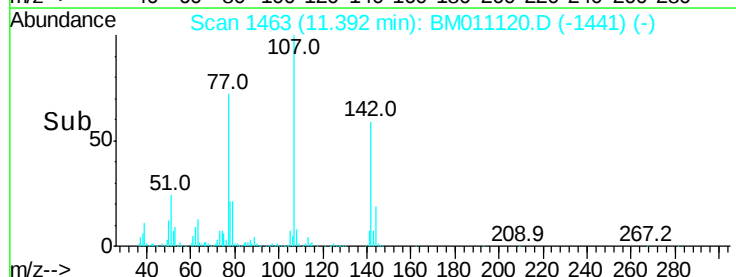
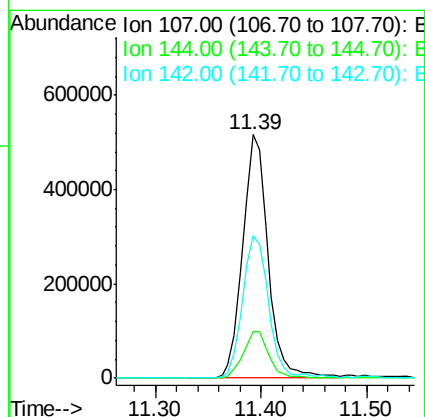
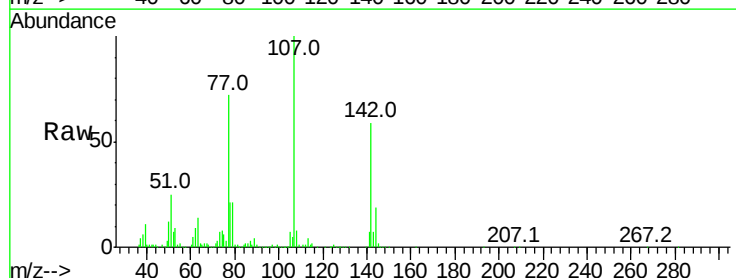
RT: 11.39 min Scan# 1463

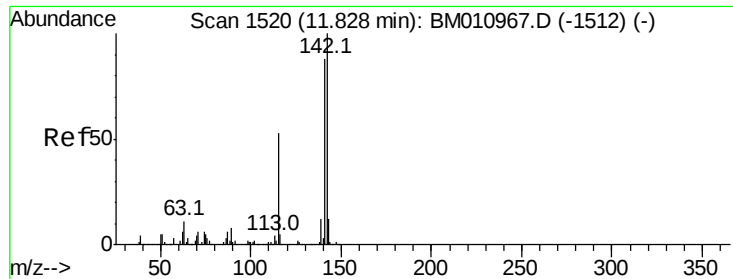
Delta R.T. -0.07 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	861595		
144	19.3		23.3	34.9#
142	58.6		72.6	109.0#





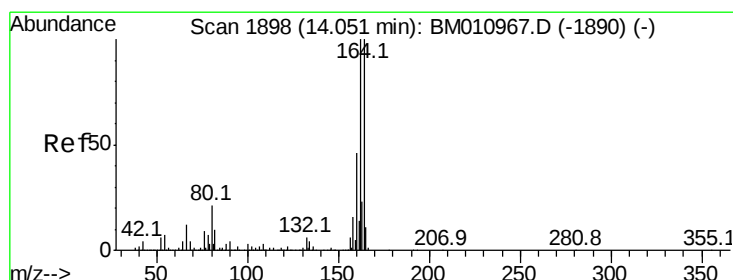
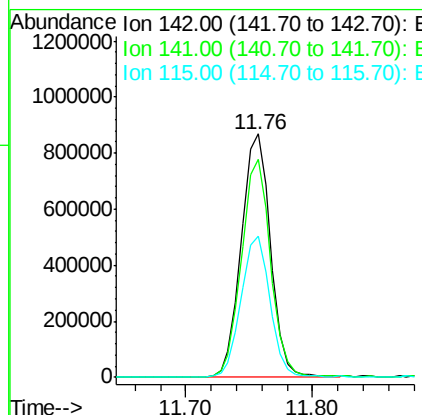
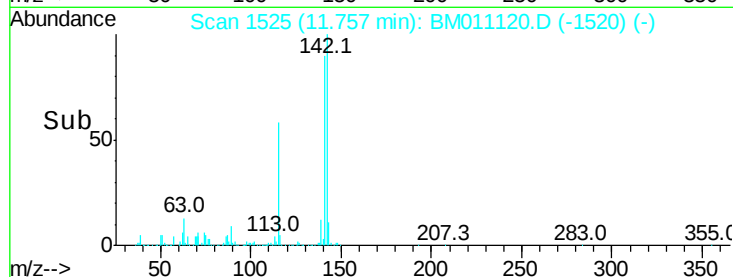
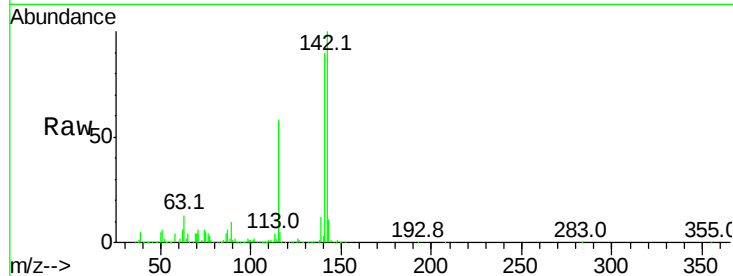
#37
2-Methylnaphthalene
Concen: 43.274 ng
RT: 11.76 min Scan# 1525
Delta R.T. -0.07 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampled :
PB101225BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.9	107.9
115	57.8	25.4	38.0

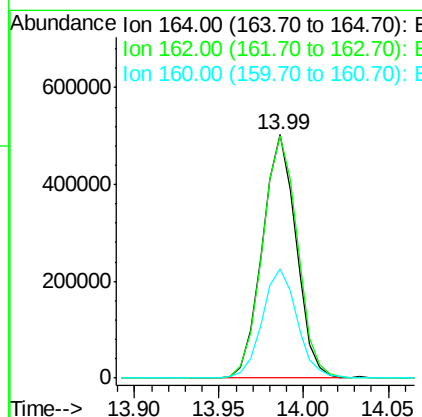
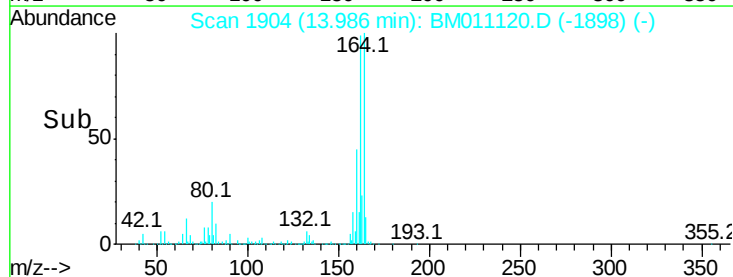
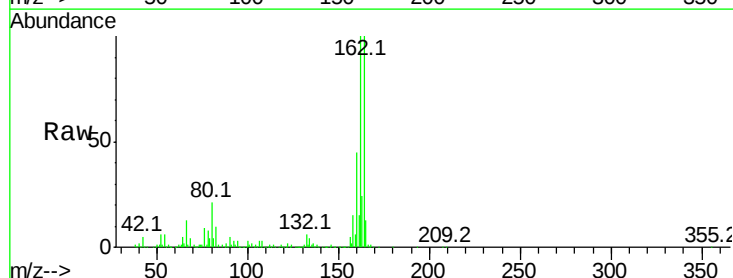
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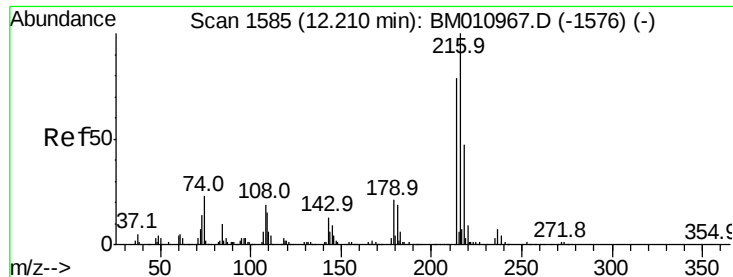
Sohil
8/7/2017 6:07:38 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.99 min Scan# 1904
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.4	123.6
160	44.6	35.8	53.6





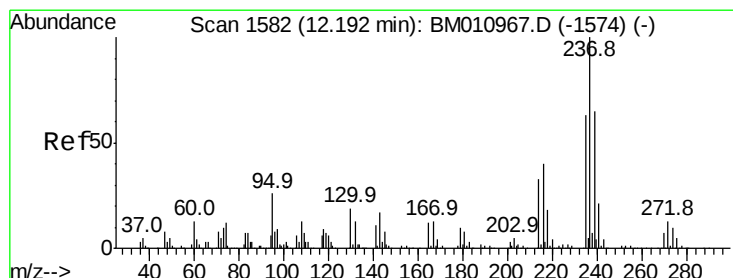
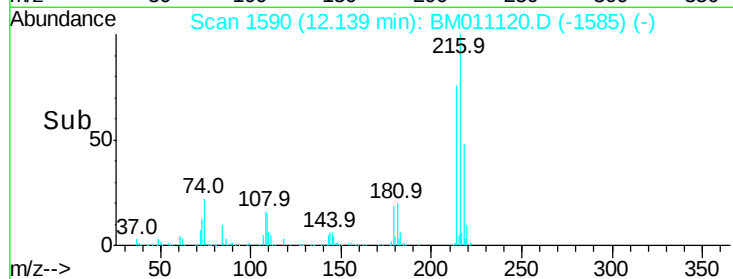
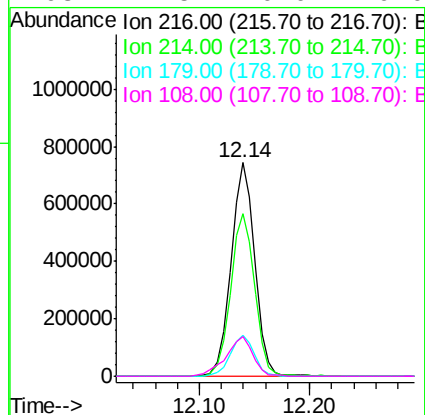
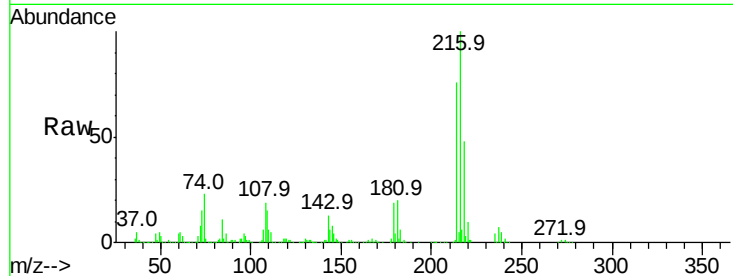
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.020 ng
 RT: 12.14 min Scan# 1590
 Delta R.T. -0.07 min
 Lab File: BM011120.D
 Acq: 04 Aug 2017 16:45

Instrument :
 BNA_M
 ClientSampleId :
 PB101225BS

Tot Ion	Ratio	Lower	Upper
216	100		
214	77.1	0.0	0.0#
179	19.6	0.0	0.0#
108	21.5	0.0	0.0#

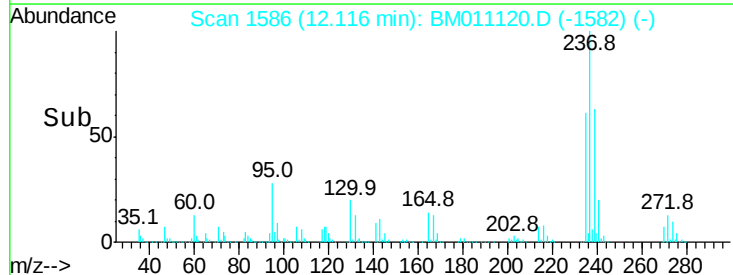
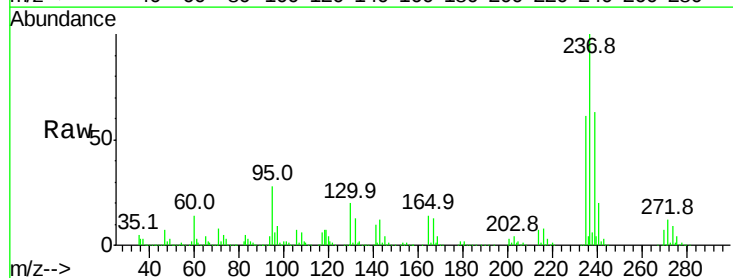
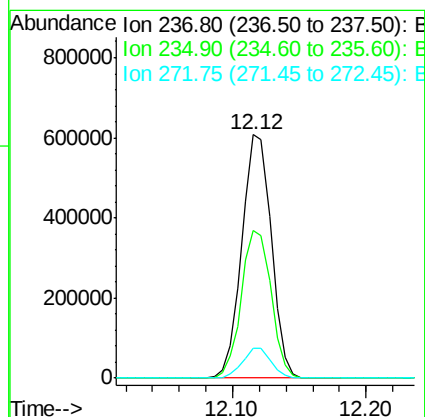
Manual Integrations
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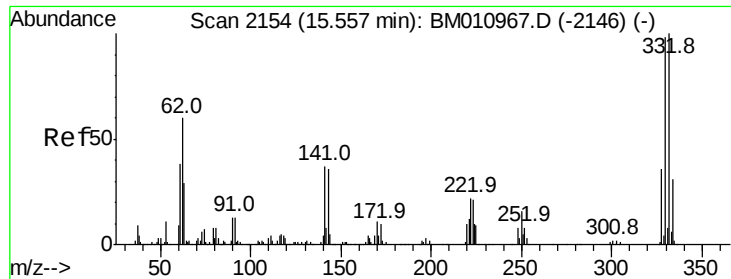
Sohil
 8/7/2017 6:07:38 PM



#40
 Hexachlorocyclopentadiene
 Concen: 52.578 ng
 RT: 12.12 min Scan# 1586
 Delta R.T. -0.08 min
 Lab File: BM011120.D
 Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.6	42.0	82.0
272	12.4	0.0	33.4





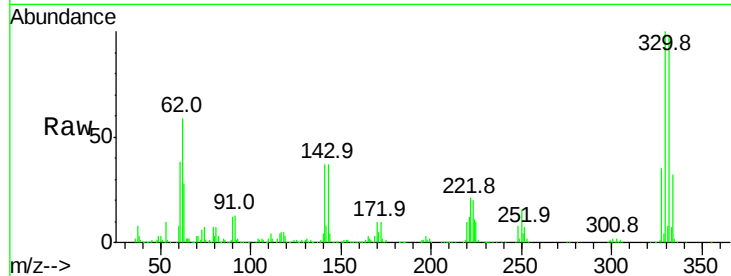
#41
 2,4,6-Tribromophenol
 Concen: 139.260 ng
 RT: 15.50 min Scan# 2161
 Delta R.T. -0.06 min
 Lab File: BM011120.D
 Acq: 04 Aug 2017 16:45

Instrument :
 BNA_M
 ClientSampleId :
 PB101225BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	0.0	0.0#
141	40.9	0.0	0.0#

Manual Integrations
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Sohil
 8/7/2017 6:07:38 PM

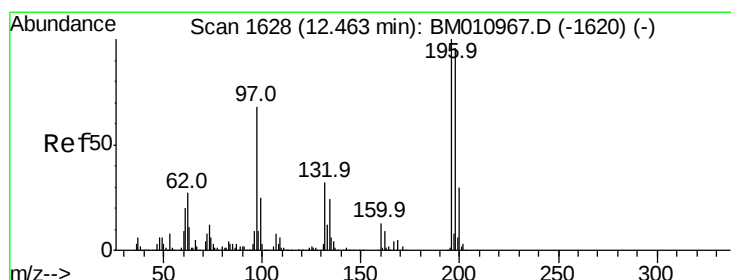
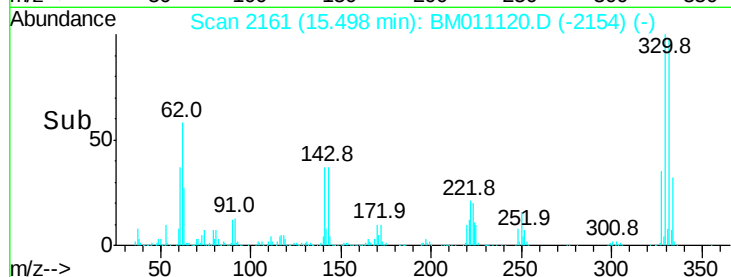
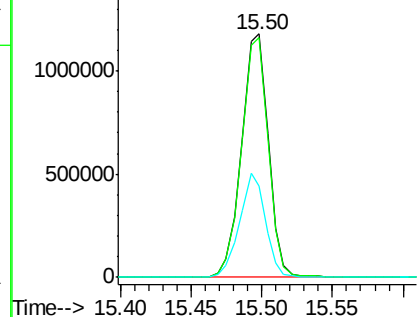


Abundance

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: 40.353 ng
 RT: 12.39 min Scan# 1633
 Delta R.T. -0.07 min
 Lab File: BM011120.D
 Acq: 04 Aug 2017 16:45

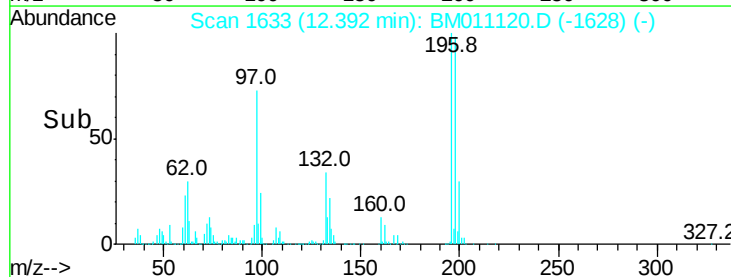
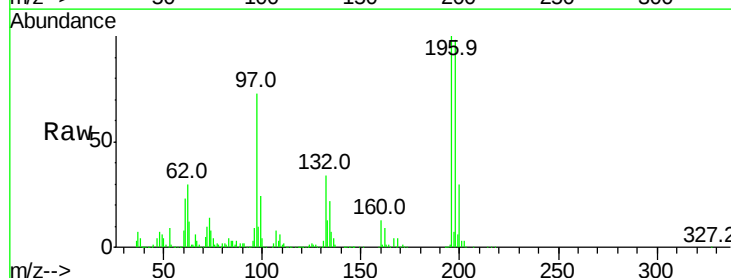
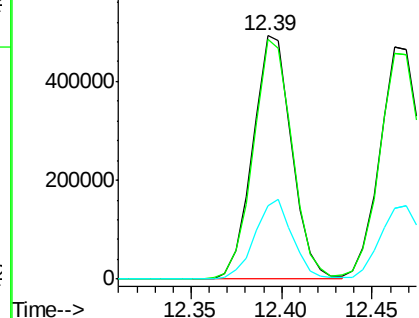
Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.3	76.3	114.5
200	30.1	25.6	38.4

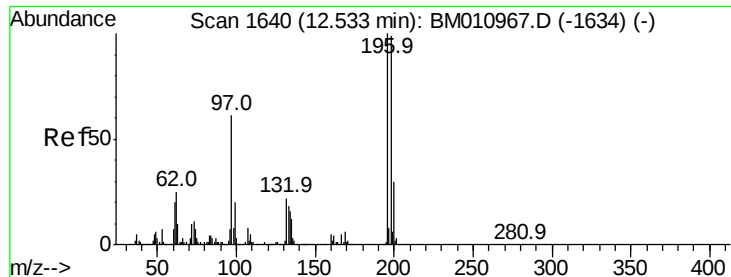
Abundance

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





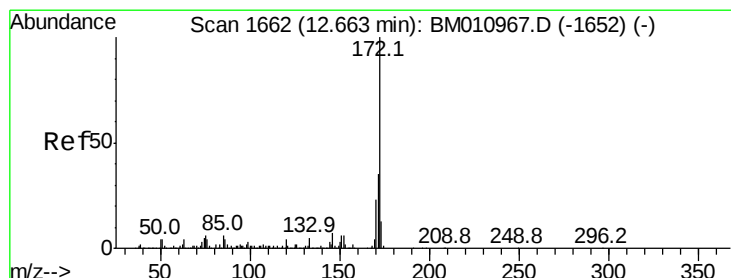
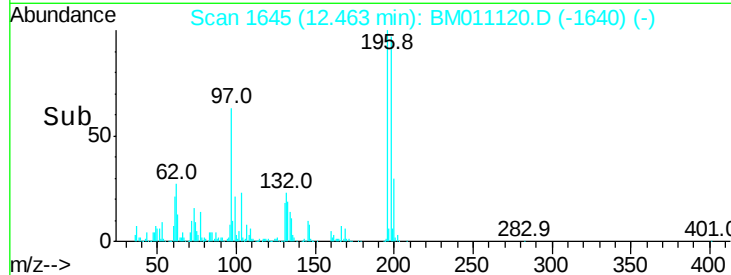
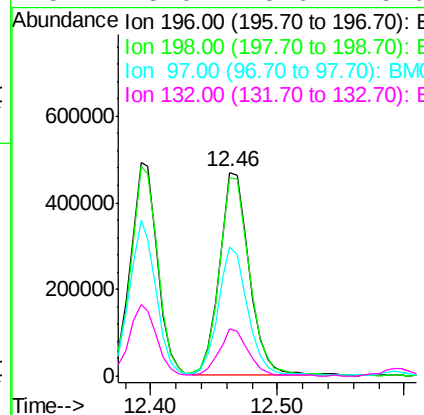
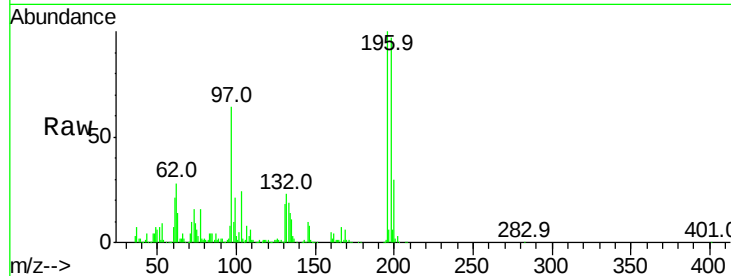
#43
2,4,5-Trichlorophenol
Concen: 40.281 ng
RT: 12.46 min Scan# 1645
Delta R.T. -0.07 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	757489		
198	97.3	79.4	119.0	
97	63.6	26.8	40.2#	
132	23.0	18.6	28.0	

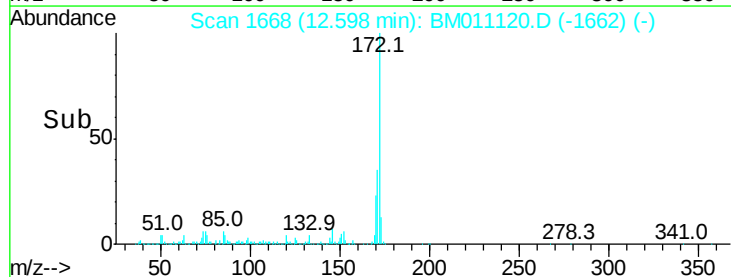
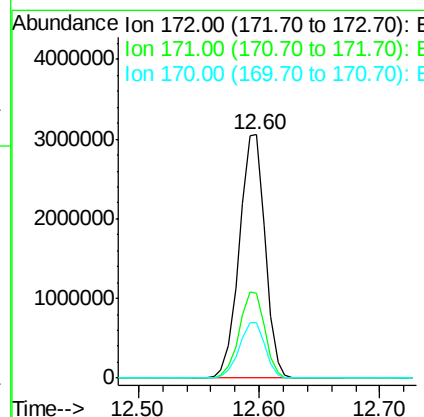
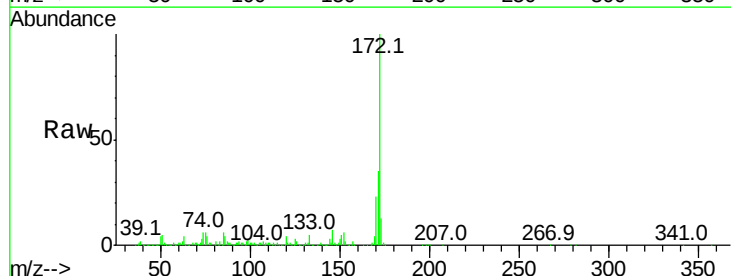
Manual Integrations
APPROVED

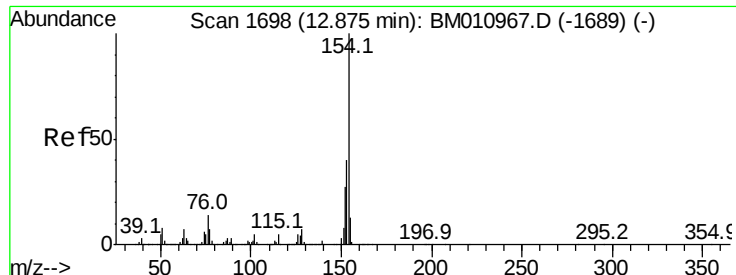
Sohil
8/7/2017 6:07:38 PM



#44
2-Fluorobiphenyl
Concen: 81.501 ng
RT: 12.60 min Scan# 1668
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	4562854		
171	35.0	28.5	42.7	
170	23.0	18.8	28.2	





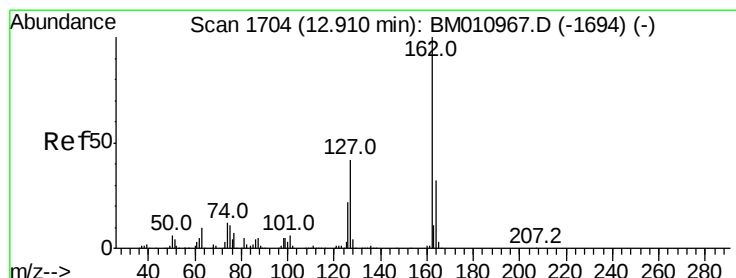
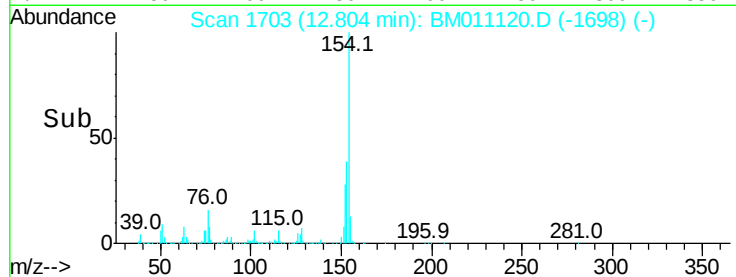
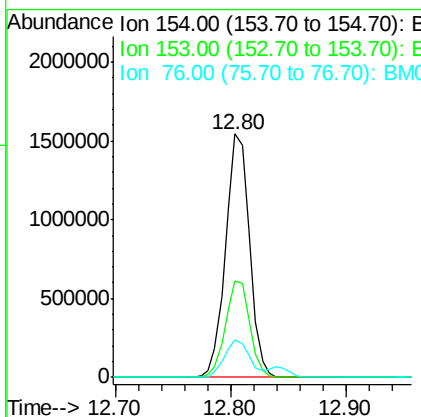
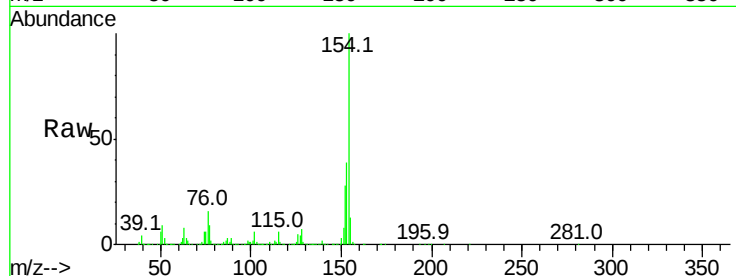
#45
 1,1'-Biphenyl
 Concen: 36.432 ng
 RT: 12.80 min Scan# 1703
 Delta R.T. -0.07 min
 Lab File: BM011120.D
 Acq: 04 Aug 2017 16:45

Instrument :
 BNA_M
 ClientSampleId :
 PB101225BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.7	60.7
76	15.6	0.0	30.9

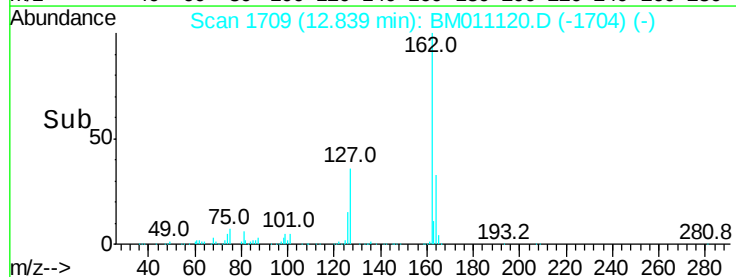
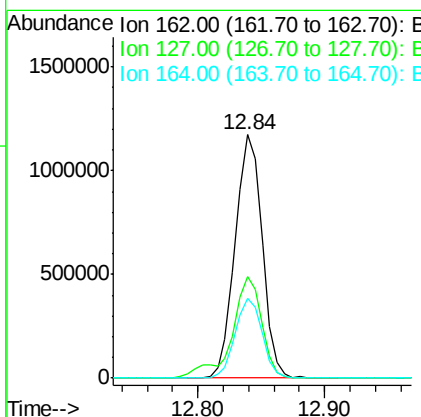
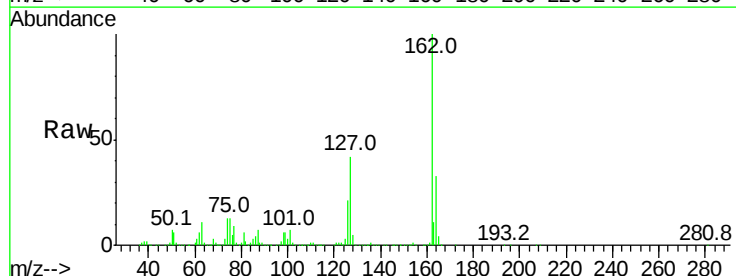
Manual Integrations
 APPROVED

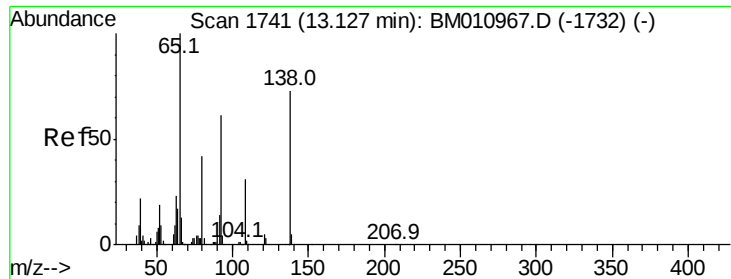
Sohil
 8/7/2017 6:07:38 PM



#46
 2-Chloronaphthalene
 Concen: 38.773 ng
 RT: 12.84 min Scan# 1709
 Delta R.T. -0.07 min
 Lab File: BM011120.D
 Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	26.9	40.3#
164	33.0	26.8	40.2





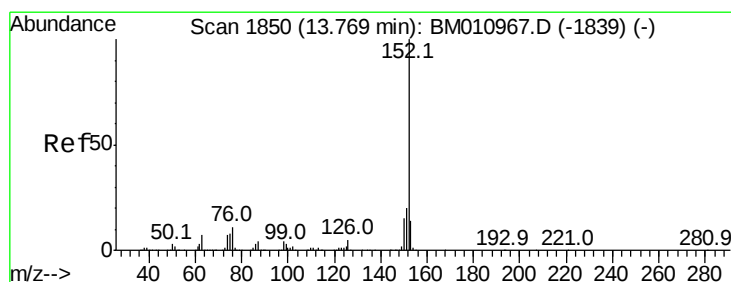
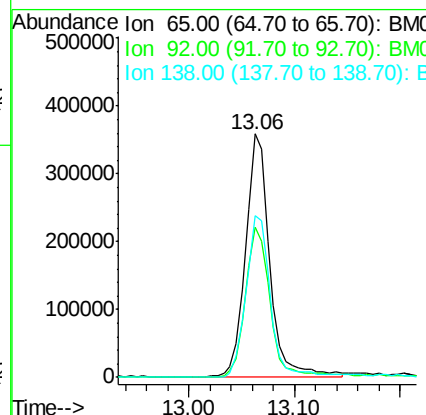
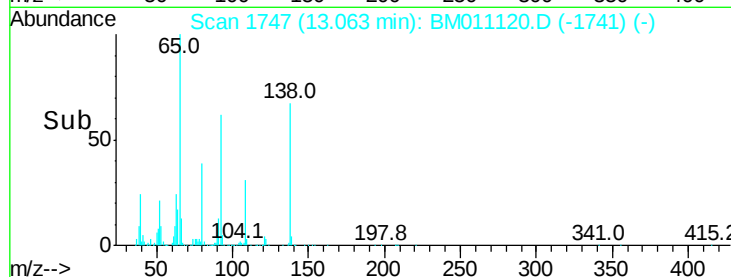
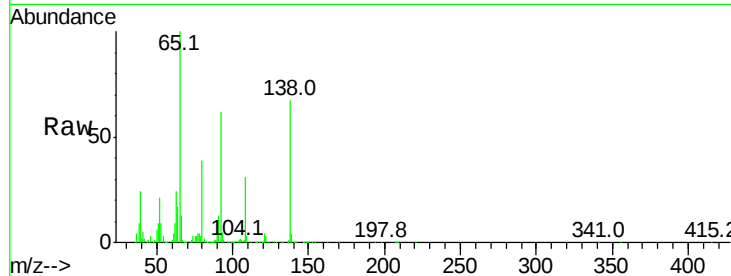
#47
2-Nitroaniline
Concen: 35.782 ng
RT: 13.06 min Scan# 1747
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	61.9	59.1	88.7	
138	66.5	93.9	140.9	

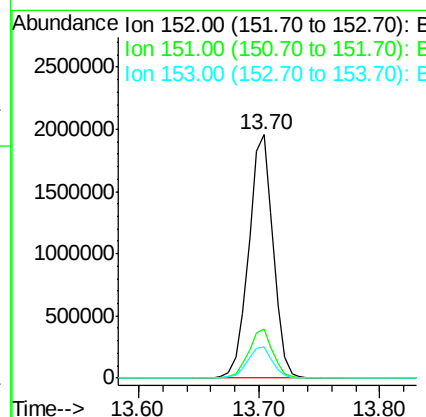
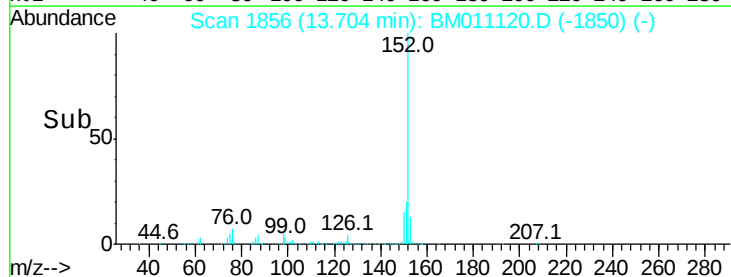
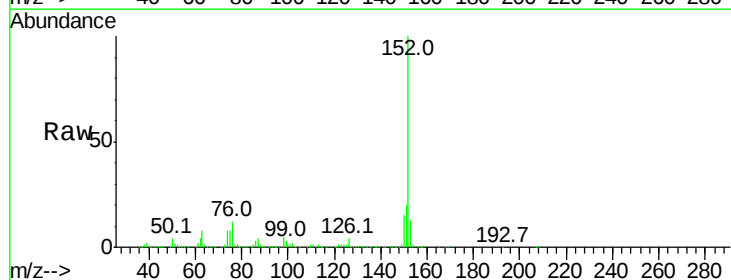
Manual Integrations
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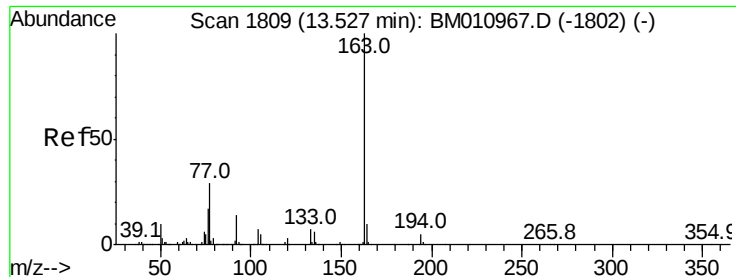
Sohil
8/7/2017 6:07:38 PM



#48
Acenaphthylene
Concen: 41.393 ng
RT: 13.70 min Scan# 1856
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.4	15.9	23.9	
153	12.8	10.6	16.0	





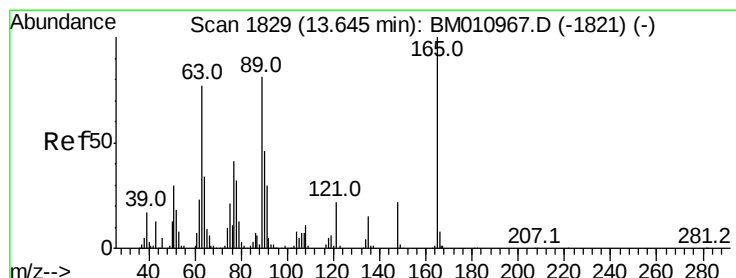
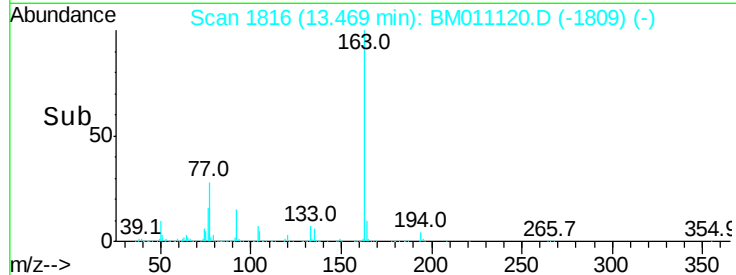
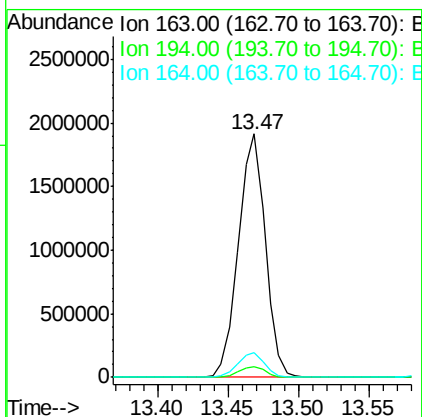
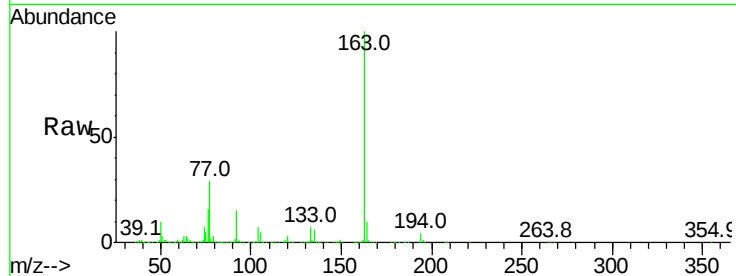
#49
Dimethylphthalate
Concen: 42.564 ng
RT: 13.47 min Scan# 1816
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	10.1	8.2	12.2

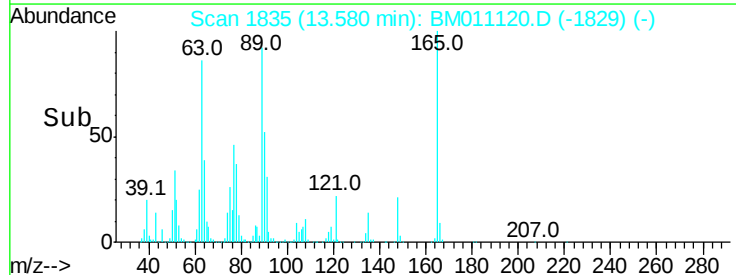
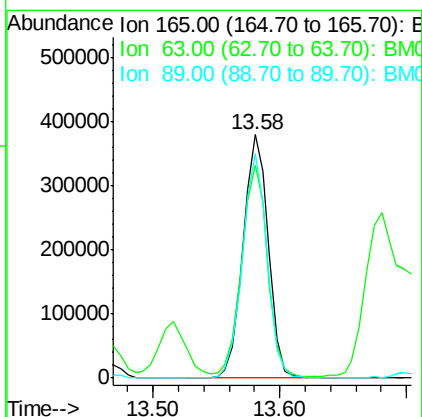
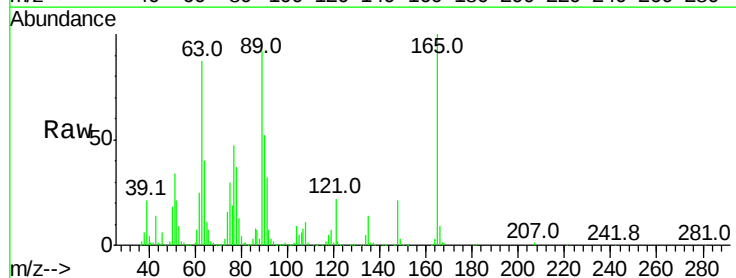
Manual Integrations
APPROVED

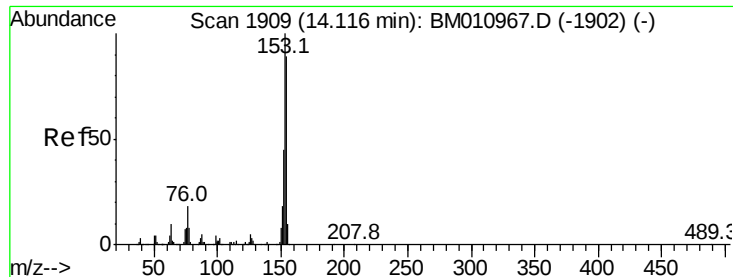
Sohil
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#50
2,6-Dinitrotoluene
Concen: 43.227 ng
RT: 13.58 min Scan# 1835
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	87.3	44.1	66.1#
89	92.0	44.3	66.5#





#51

Acenaphthene

Concen: 41.399 ng

RT: 14.05 min Scan# 1915

Delta R.T. -0.06 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

Instrument :

BNA_M

ClientSampleId :

PB101225BS

Tot Ion:154 Resp: 1711229

Ion Ratio Lower Upper

154 100

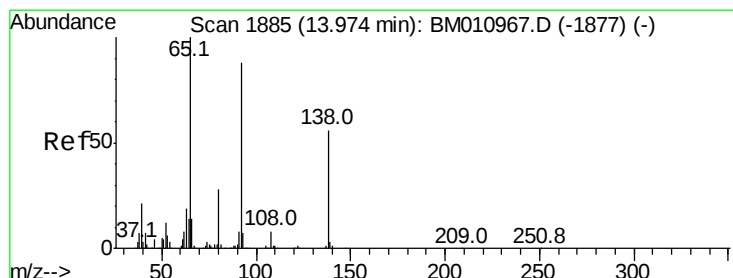
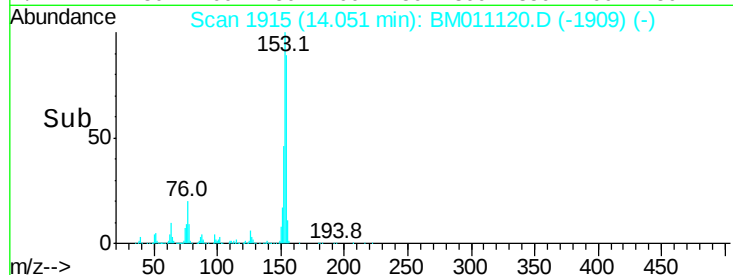
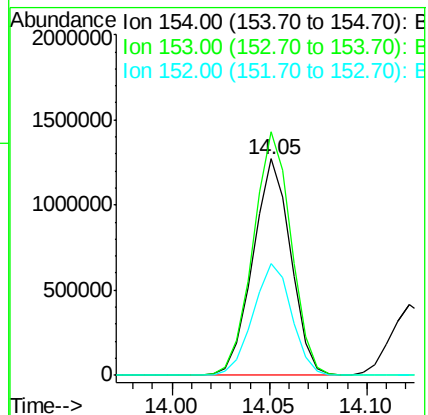
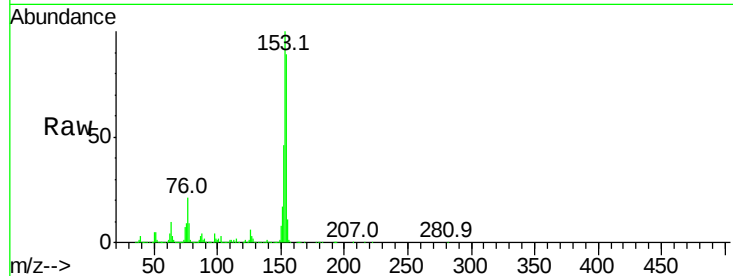
153 112.4 90.0 135.0

152 51.9 42.6 63.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 28.191 ng

RT: 13.91 min Scan# 1891

Delta R.T. -0.06 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

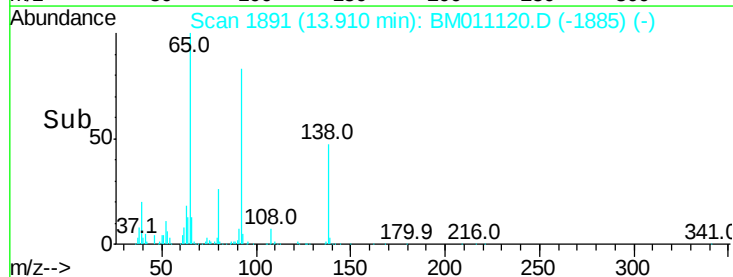
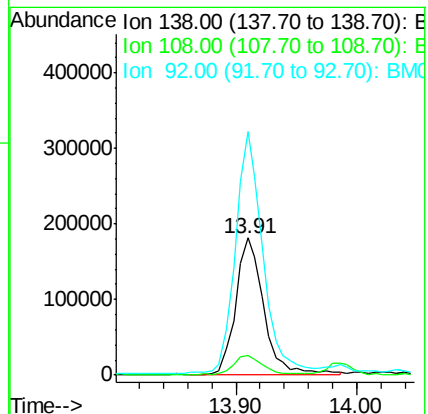
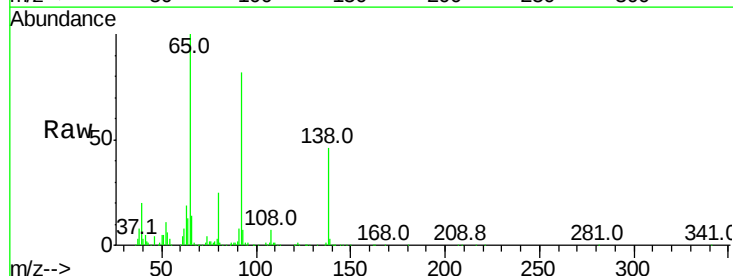
Tgt Ion:138 Resp: 297133

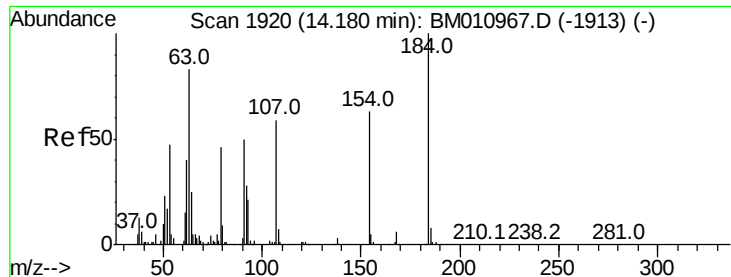
Ion Ratio Lower Upper

138 100

108 14.6 7.3 10.9#

92 177.8 76.6 114.8#





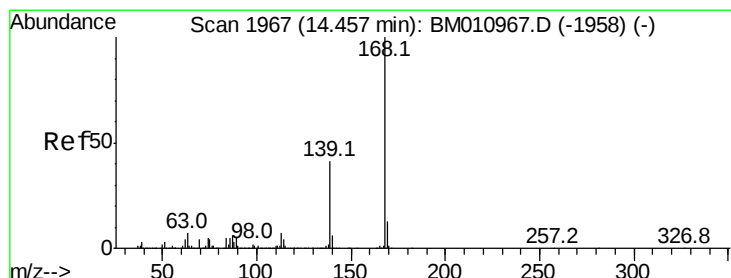
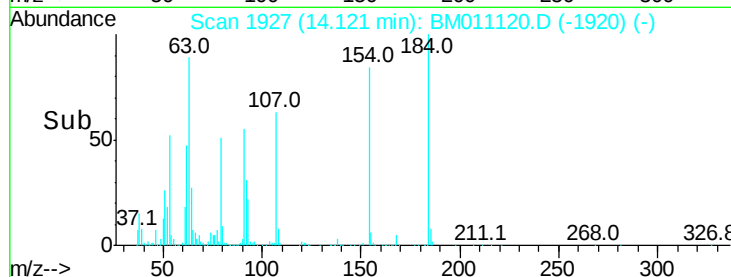
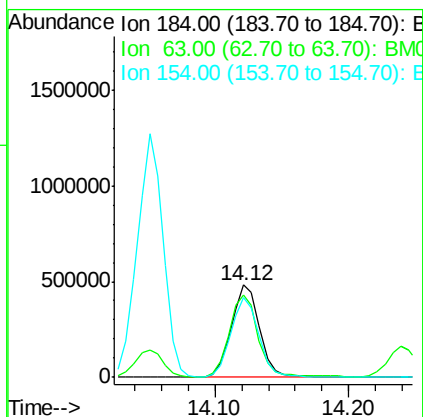
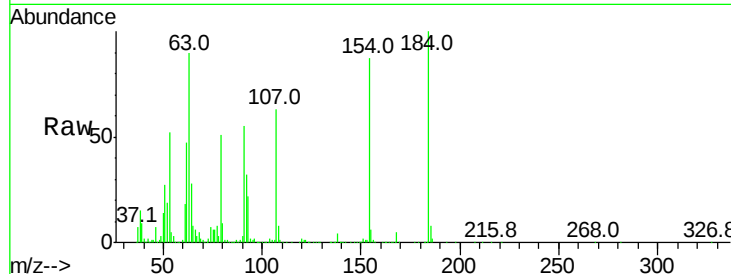
#53
2,4-Dinitrophenol
Concen: 82.844 ng
RT: 14.12 min Scan# 1927
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	90.1	69.2	103.8
154	86.7	53.3	79.9

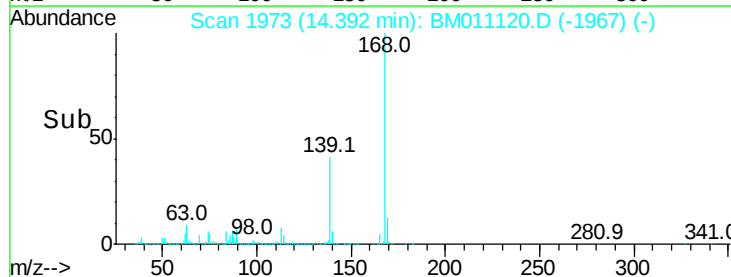
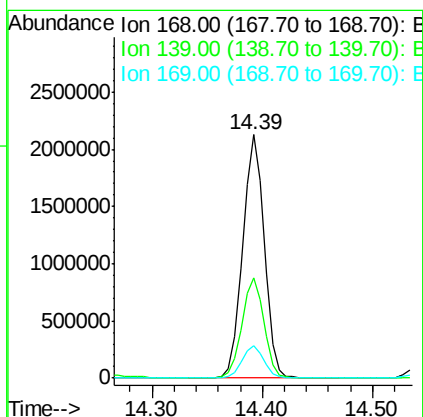
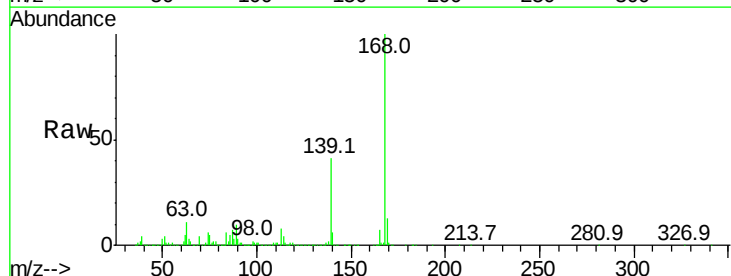
Manual Integrations
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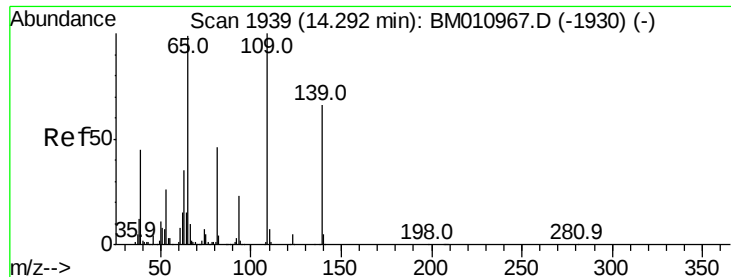
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#54
Dibenzofuran
Concen: 43.729 ng
RT: 14.39 min Scan# 1973
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.3	27.3	40.9
169	13.4	10.6	16.0





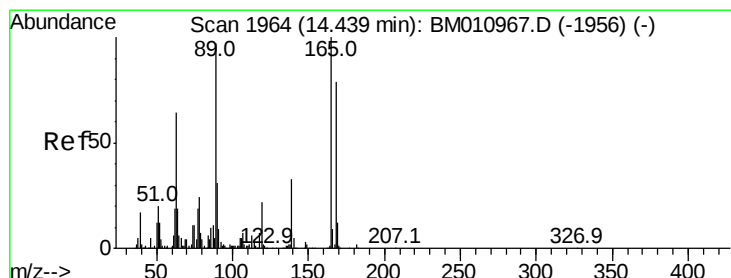
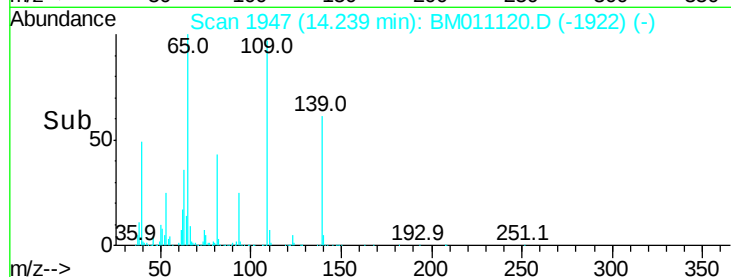
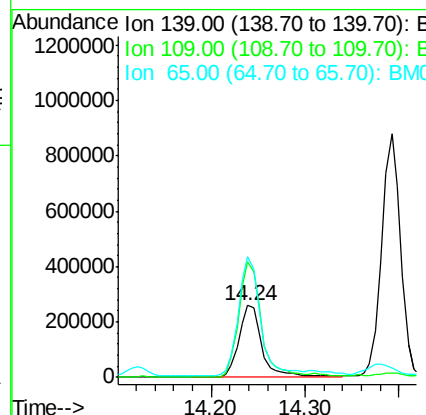
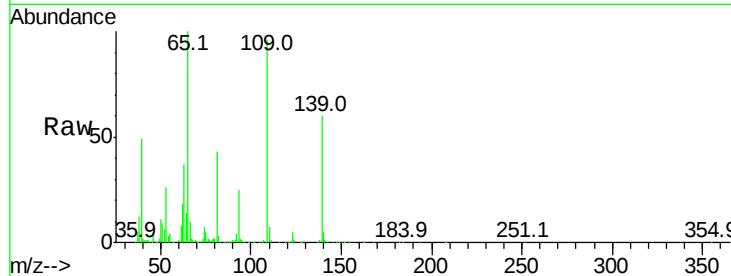
#55
4-Nitrophenol
Concen: 48.745 ng
RT: 14.24 min Scan# 1947
Delta R.T. -0.05 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	160.1	130.0	170.0
65	167.1	130.0	170.0

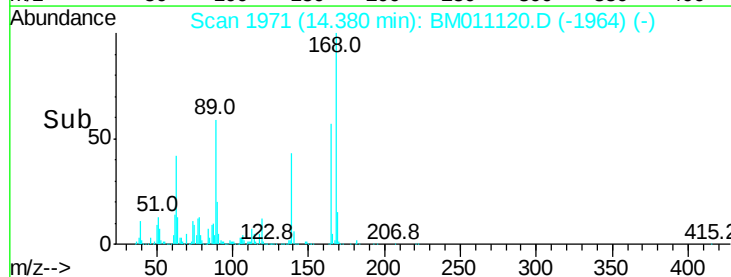
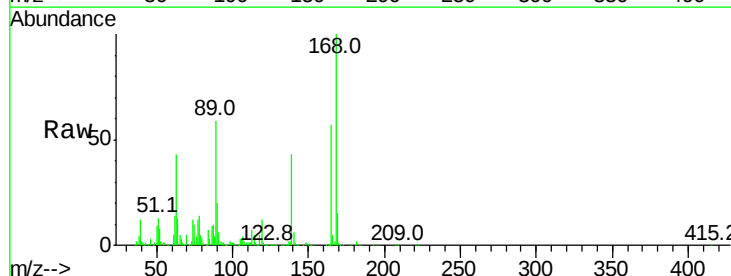
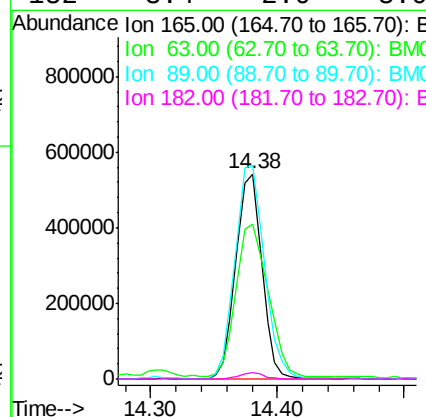
Manual Integrations
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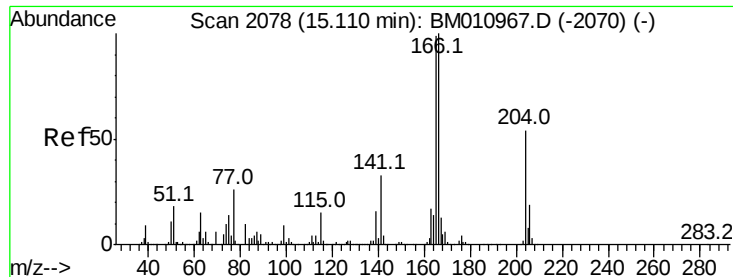
Sohil
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#56
2,4-Dinitrotoluene
Concen: 45.614 ng
RT: 14.38 min Scan# 1971
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	75.4	52.4	78.6
89	104.2	72.4	108.6
182	3.4	2.0	3.0





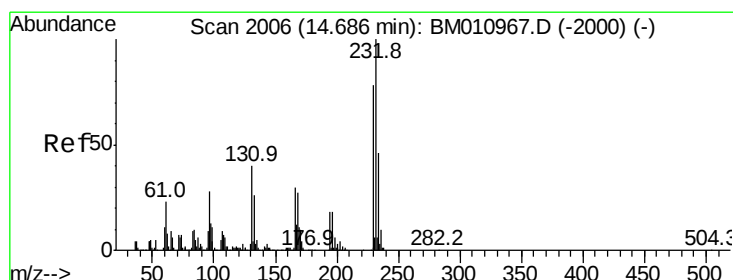
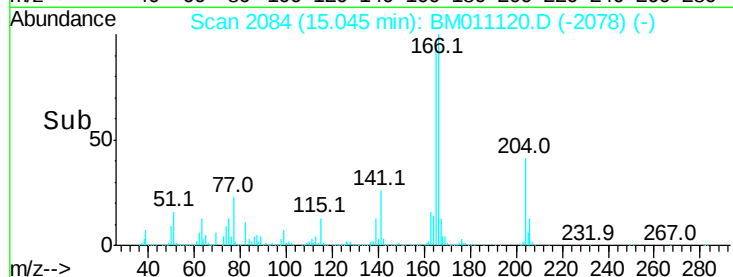
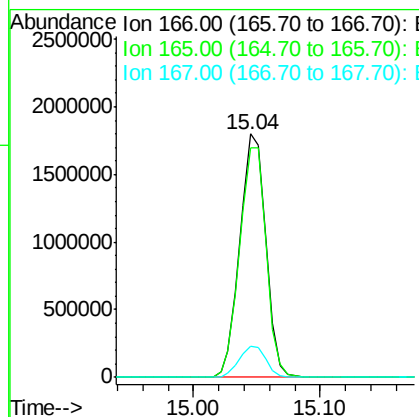
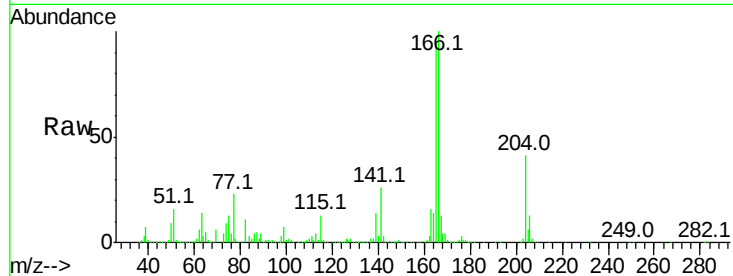
#57
Fluorene
 Concen: 43.639 ng
 RT: 15.04 min Scan# 2084
 Delta R.T. -0.06 min
 Lab File: BM011120.D
 Acq: 04 Aug 2017 16:45

Instrument :
 BNA_M
 ClientSampleId :
 PB101225BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.5	79.0	118.4
167	12.9	10.3	15.5

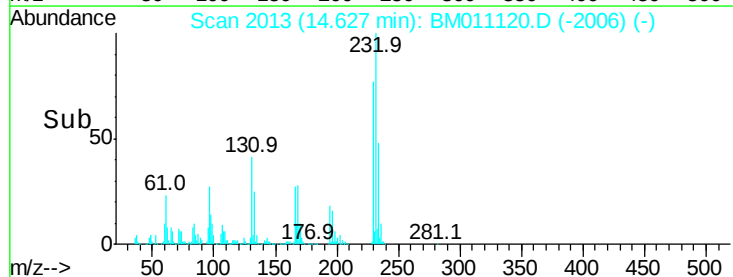
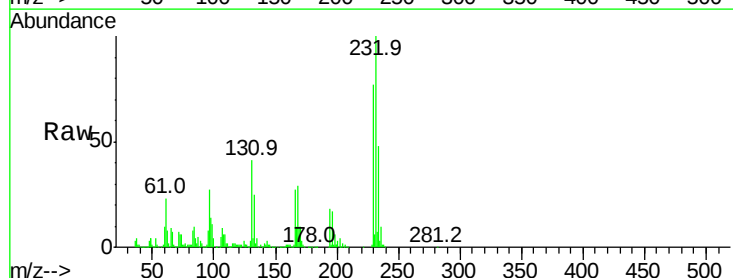
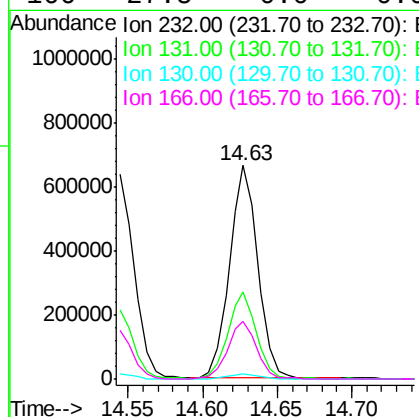
Manual Integrations
 APPROVED

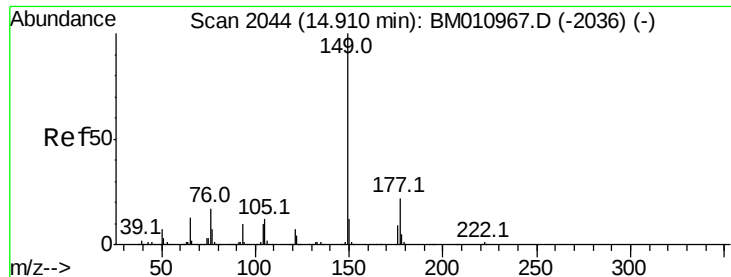
Sohil
 8/7/2017 6:07:38 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.922 ng
 RT: 14.63 min Scan# 2013
 Delta R.T. -0.06 min
 Lab File: BM011120.D
 Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.0	0.0	0.0#
130	2.7	0.0	0.0#
166	27.5	0.0	0.0#





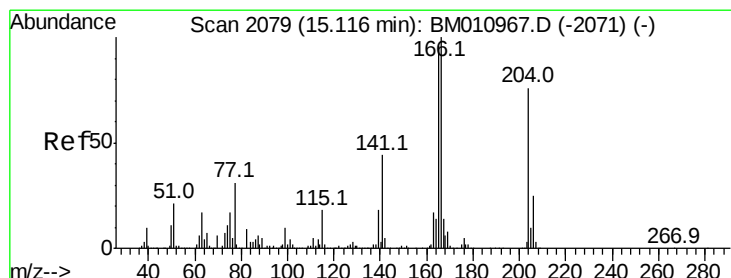
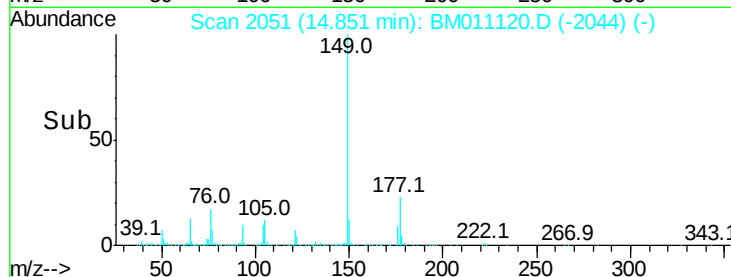
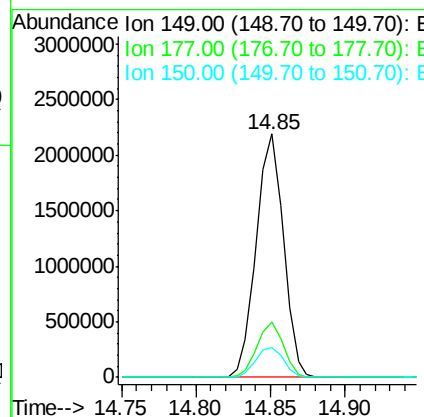
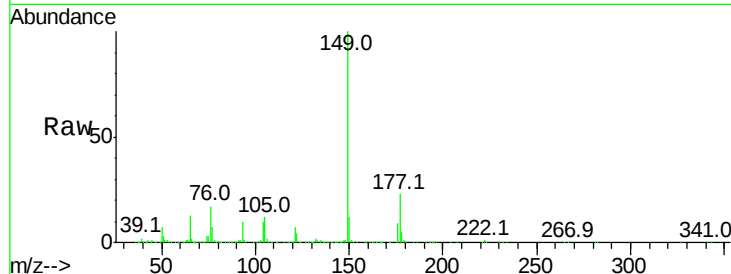
#59
Diethylphthalate
Concen: 44.959 ng
RT: 14.85 min Scan# 2051
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	12.4	9.8	14.8

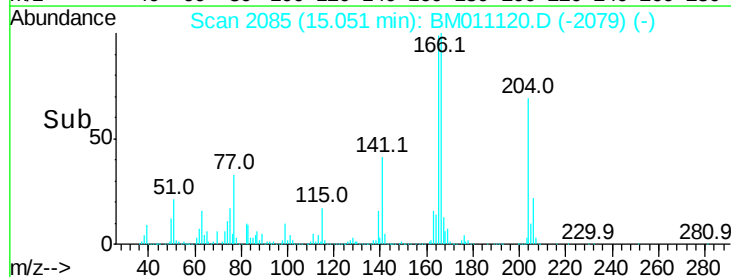
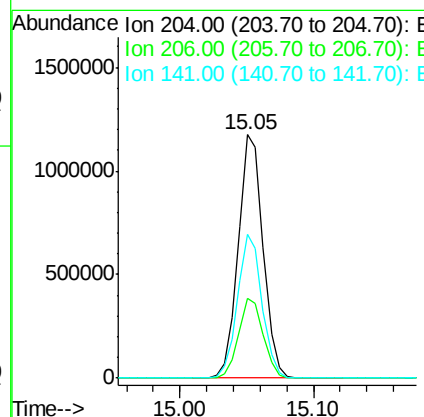
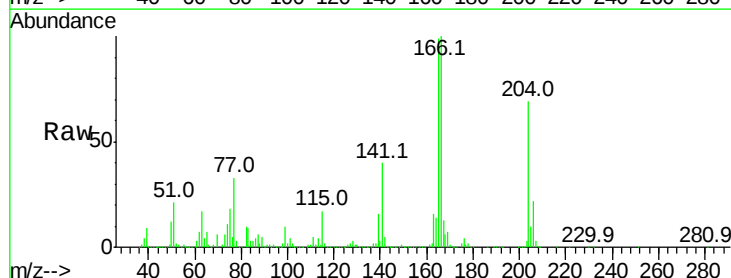
Manual Integrations
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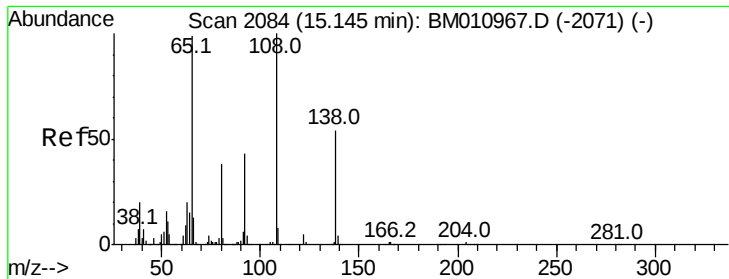
Sohil
8/7/2017 6:07:38 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.280 ng
RT: 15.05 min Scan# 2085
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	58.9	45.2	67.8





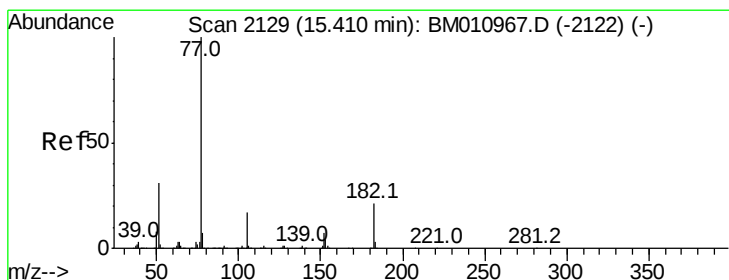
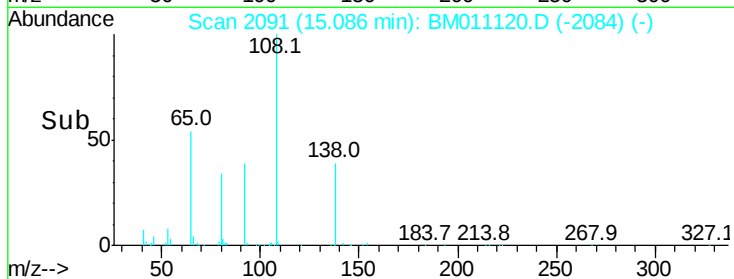
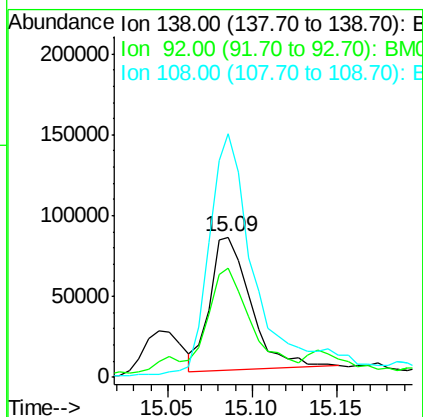
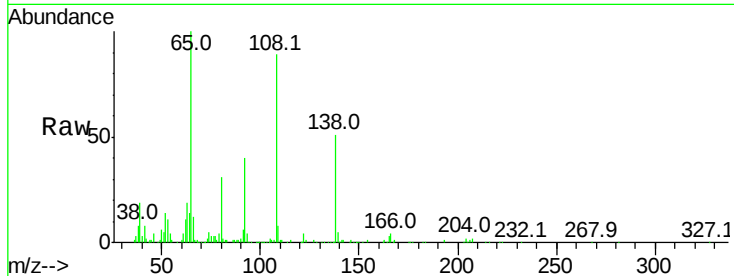
#61
4-Nitroaniline
Concen: 12.273 ng
RT: 15.09 min Scan# 2091
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	78.2	16.7	56.7#
108	173.6	37.6	77.6#

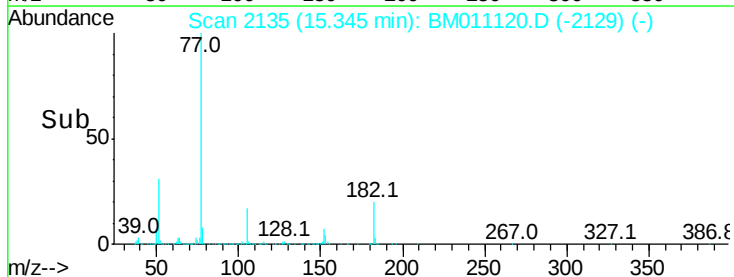
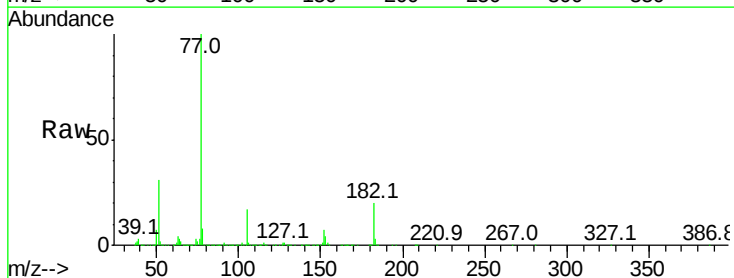
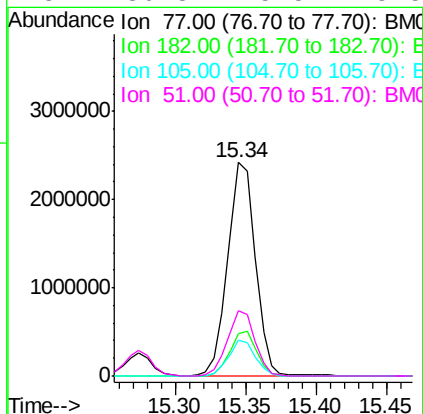
Manual Integrations
APPROVED

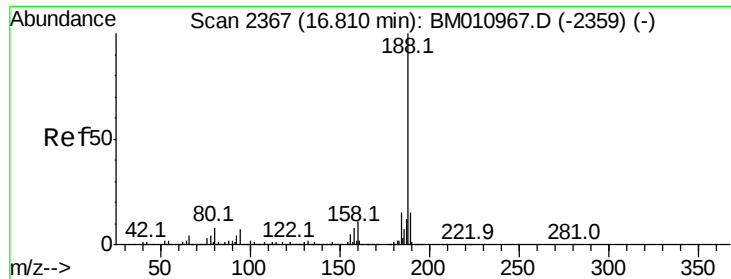
Sohil
8/7/2017 6:07:38 PM



#62
Azobenzene
Concen: 50.381 ng
RT: 15.34 min Scan# 2135
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.9	6.5	46.5
105	16.8	3.8	43.8
51	30.8	5.5	45.5





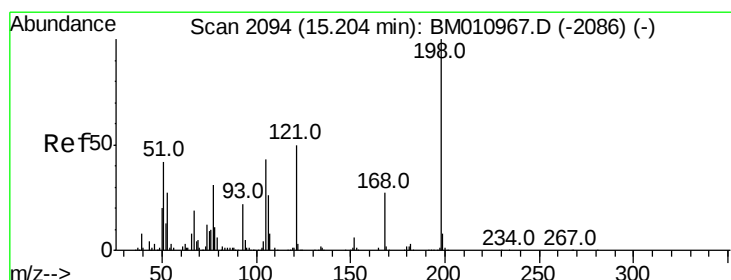
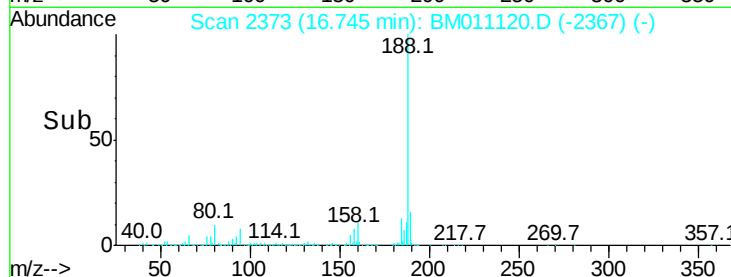
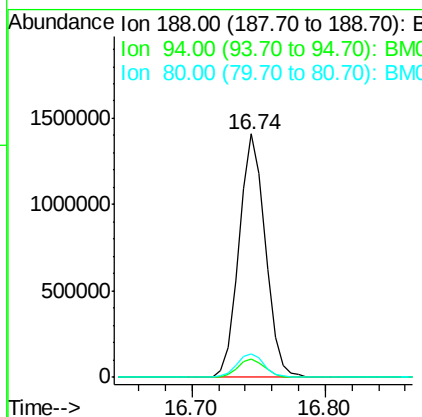
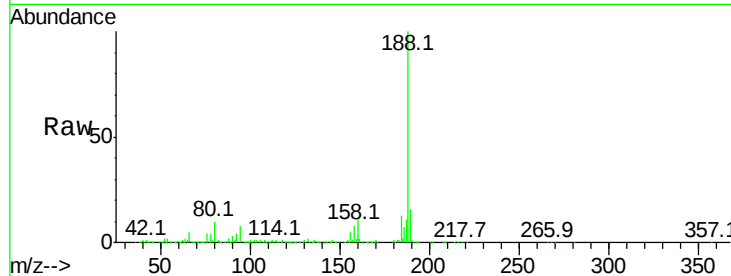
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2373
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	1918135		
94	7.8	8.7	13.1#	
80	9.7	9.3	13.9	

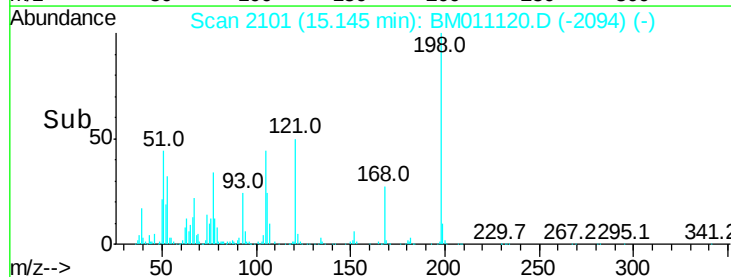
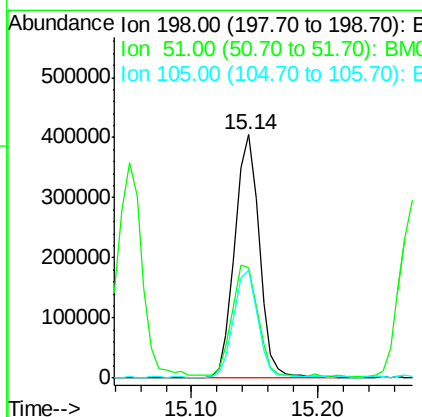
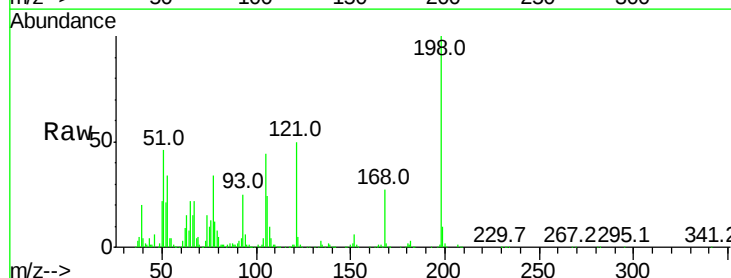
Manual Integrations
APPROVED

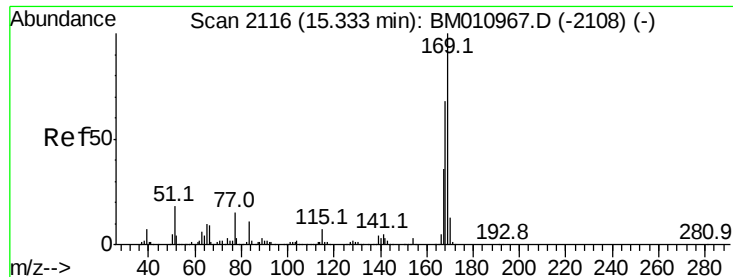
Sohil
8/7/2017 6:07:38 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.992 ng
RT: 15.14 min Scan# 2101
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	545291		
51	45.5	28.8	68.8	
105	44.4	30.5	70.5	





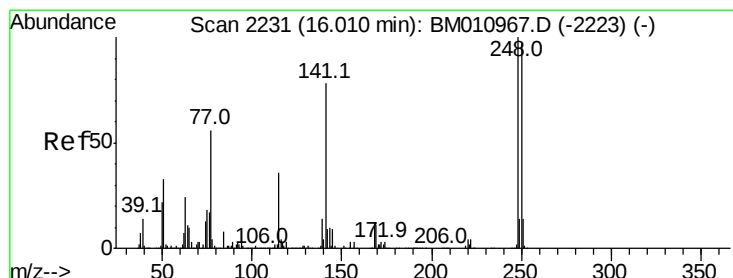
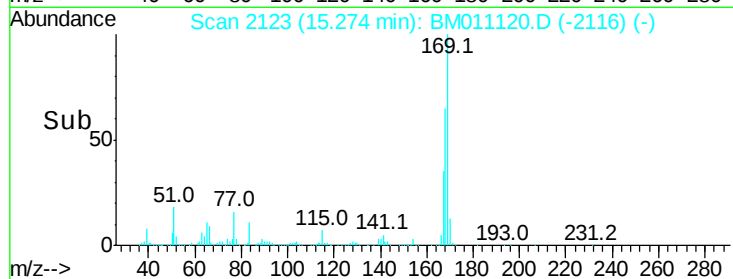
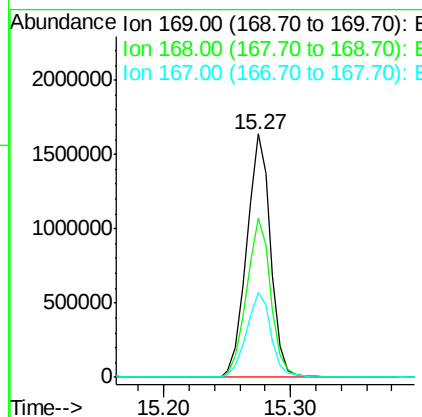
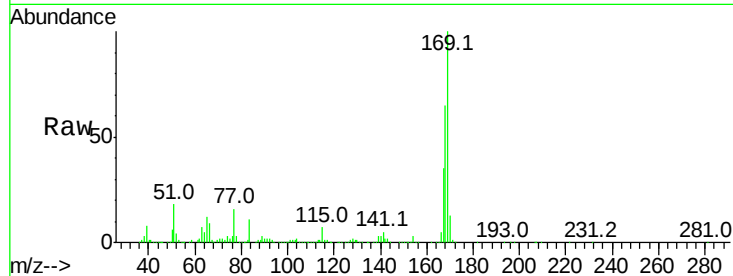
#65
n-Nitrosodiphenylamine
Concen: 38.900 ng
RT: 15.27 min Scan# 2123
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.4	53.9	80.9
167	35.0	28.9	43.3

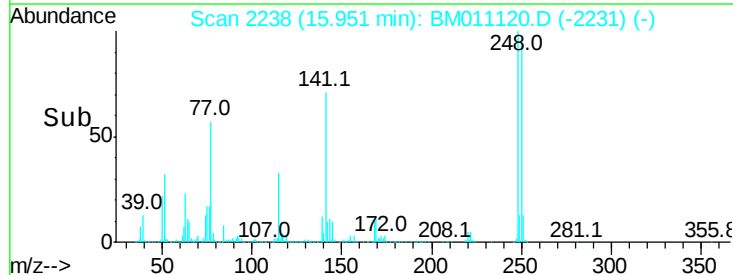
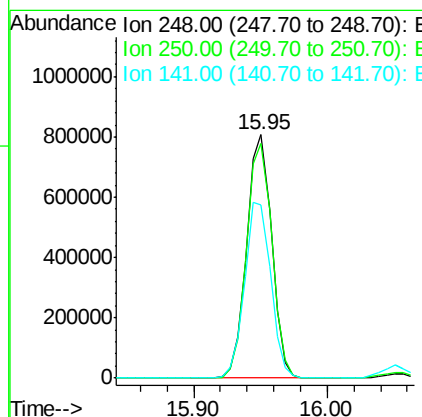
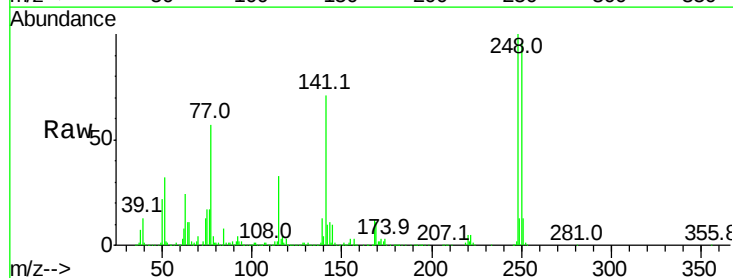
Manual Integrations
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#66
4-Bromophenyl-phenylether
Concen: 42.186 ng
RT: 15.95 min Scan# 2238
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.4	116.0
141	70.9	45.2	67.8





#67

Hexachlorobenzene

Concen: 39.307 ng

RT: 16.05 min Scan# 2255

Delta R.T. -0.06 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

Instrument :

BNA_M

ClientSampleId :

PB101225BS

Tot Ion:284 Resp: 1095266

Ion Ratio Lower Upper

284 100

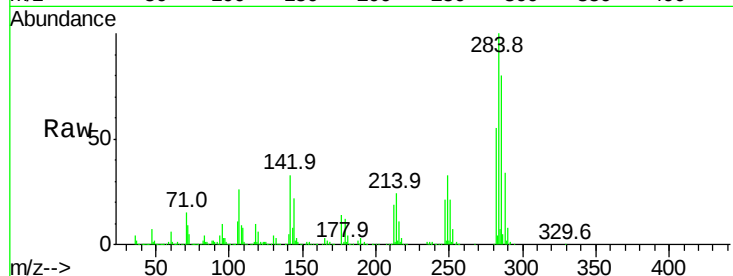
142 33.2 20.4 30.6#

249 33.5 23.8 35.6

Manual Integrations
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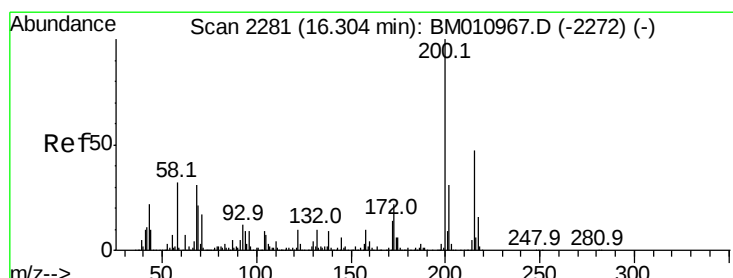
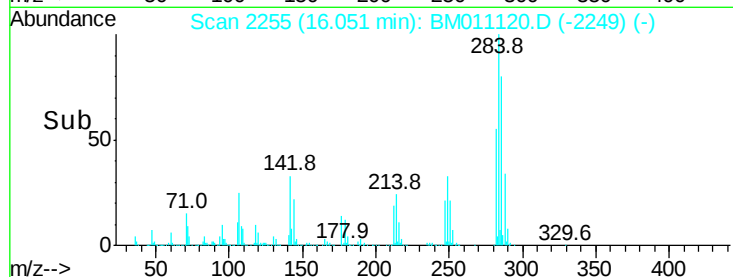
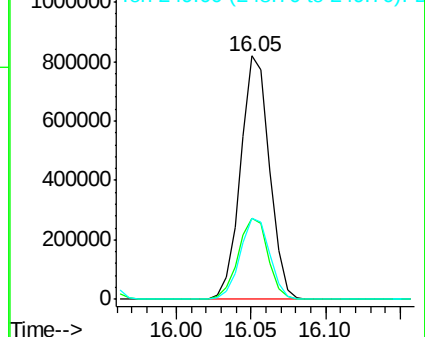
8/7/2017 6:07:38 PM



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: 44.517 ng

RT: 16.24 min Scan# 2288

Delta R.T. -0.06 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

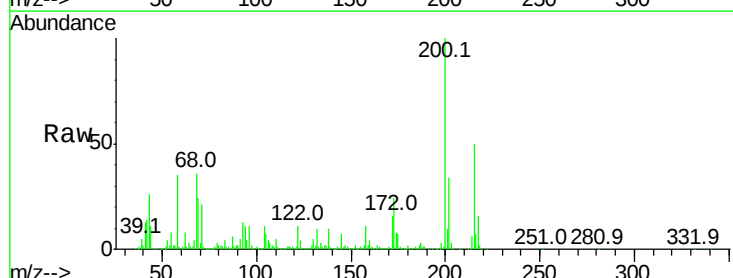
Tgt Ion:200 Resp: 979300

Ion Ratio Lower Upper

200 100

173 24.3 4.8 44.8

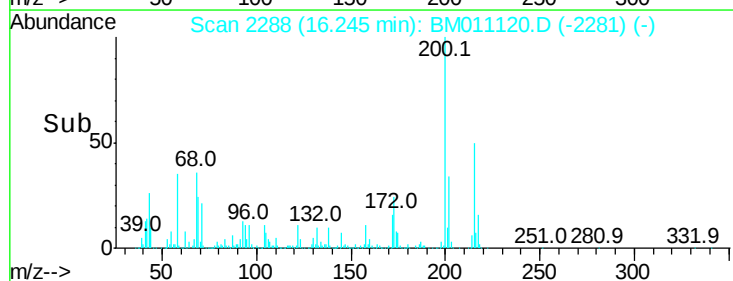
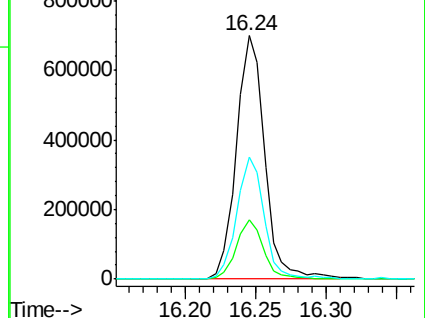
215 50.0 26.9 66.9

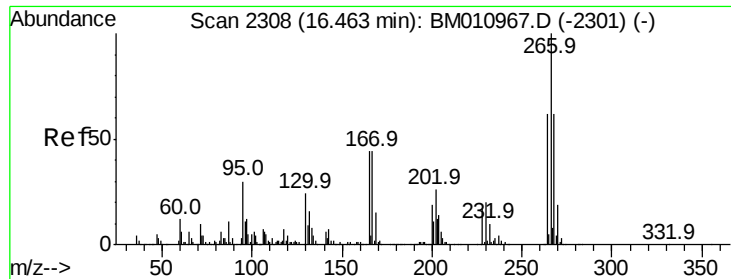


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





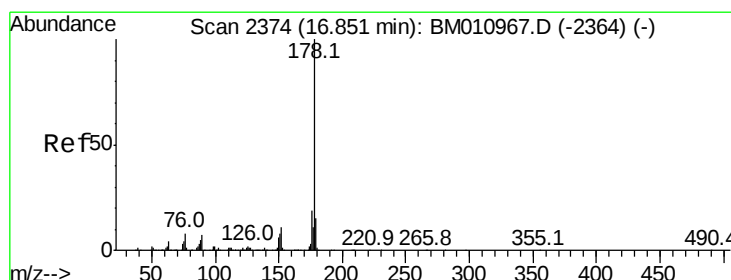
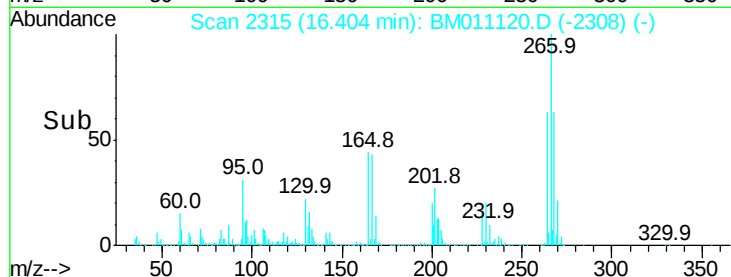
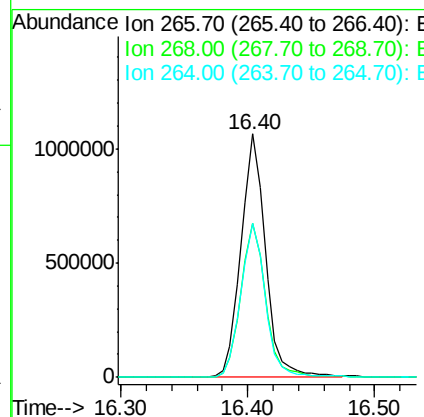
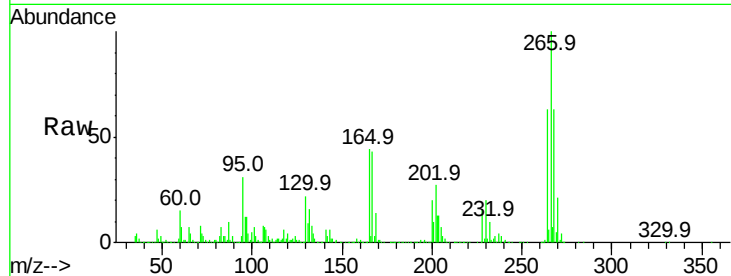
#69
 Pentachlorophenol
 Concen: 80.592 ng
 RT: 16.40 min Scan# 2315
 Delta R.T. -0.06 min
 Lab File: BM011120.D
 Acq: 04 Aug 2017 16:45

Instrument :
 BNA_M
 ClientSampleId :
 PB101225BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	52.0	78.0
264	63.2	49.0	73.4

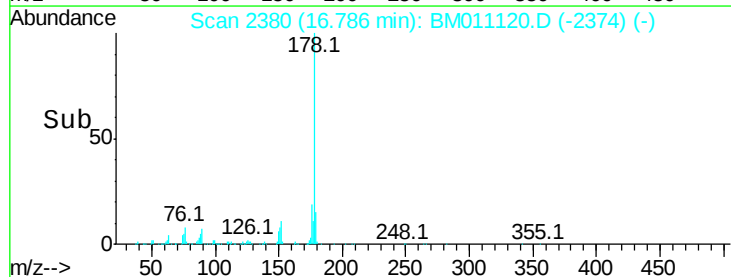
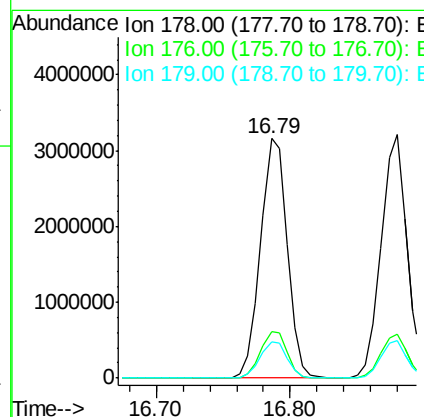
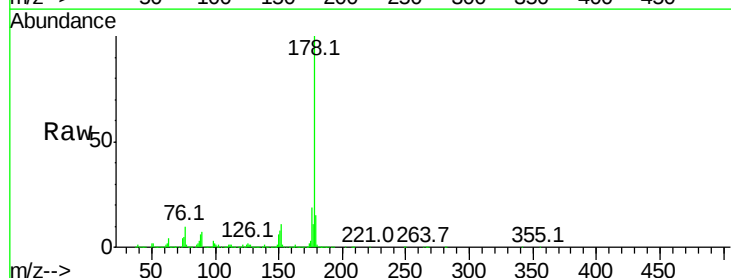
Manual Integrations
 APPROVED

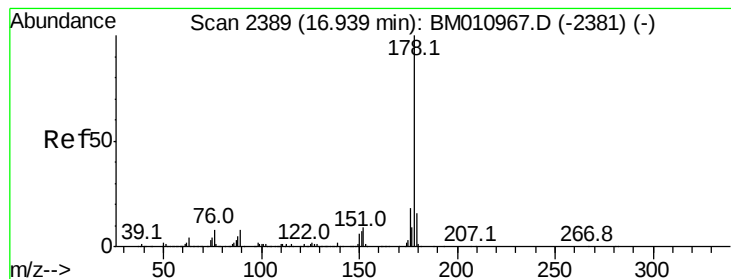
Sohil
 8/7/2017 6:07:38 PM



#70
 Phenanthrene
 Concen: 43.363 ng
 RT: 16.79 min Scan# 2380
 Delta R.T. -0.06 min
 Lab File: BM011120.D
 Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.2	22.8
179	15.2	12.1	18.1





#71

Anthracene

Concen: 42.671 ng

RT: 16.88 min Scan# 2396

Delta R.T. -0.06 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

Instrument :

BNA_M

ClientSampleId :

PB101225BS

Tot Ion:178 Resp: 4274212

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	22.0
179	15.2	12.6	19.0

178 100

176 17.8 14.6 22.0

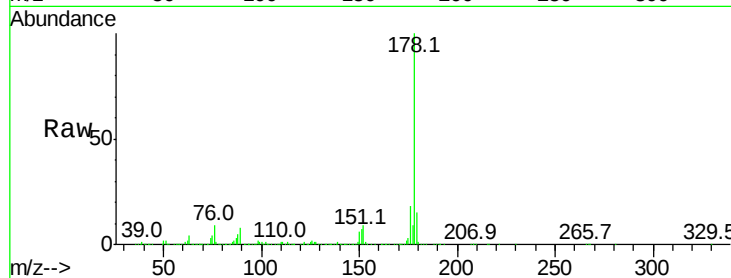
179 15.2 12.6 19.0

Manual Integrations

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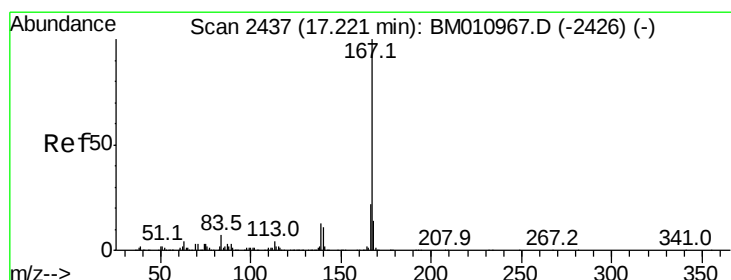
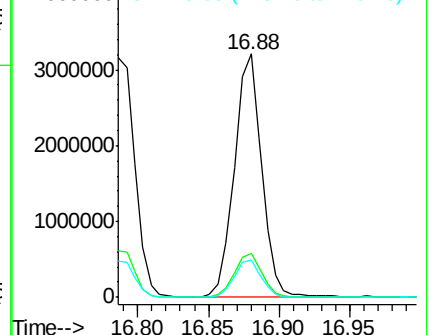
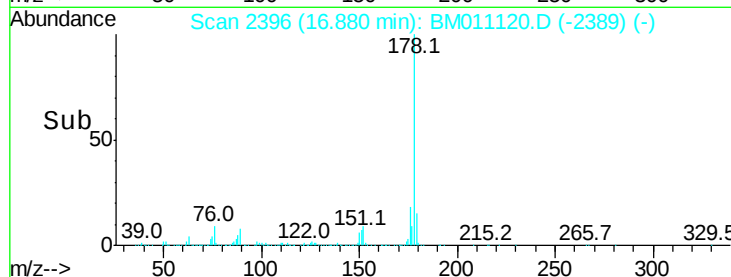


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 27.413 ng

RT: 17.16 min Scan# 2443

Delta R.T. -0.06 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

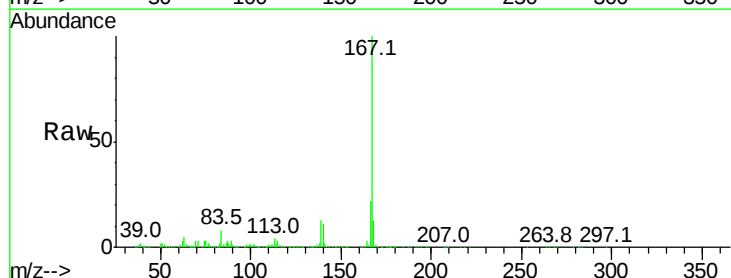
Tgt Ion:167 Resp: 2401389

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	13.1	10.8	16.2

167 100

166 21.9 17.2 25.8

139 13.1 10.8 16.2

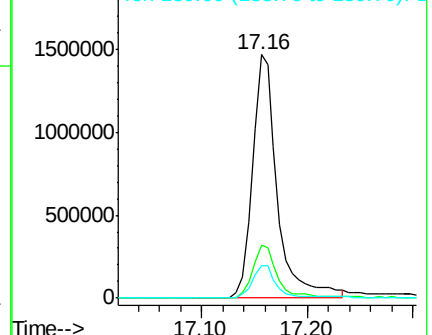
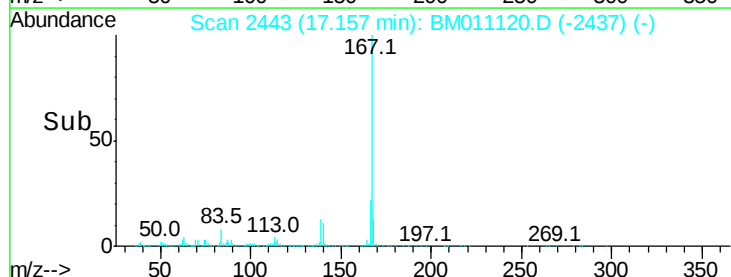


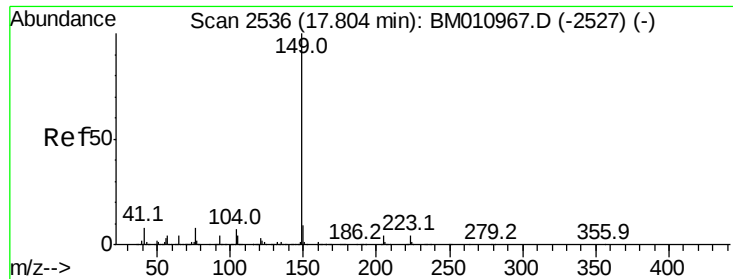
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





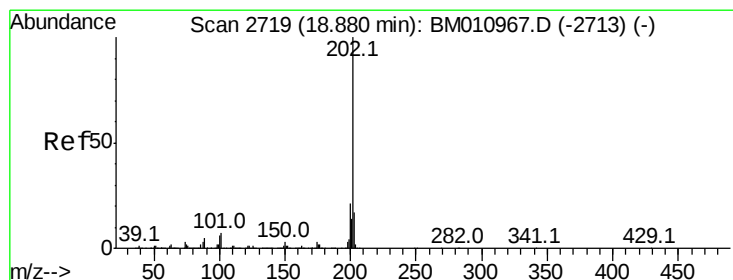
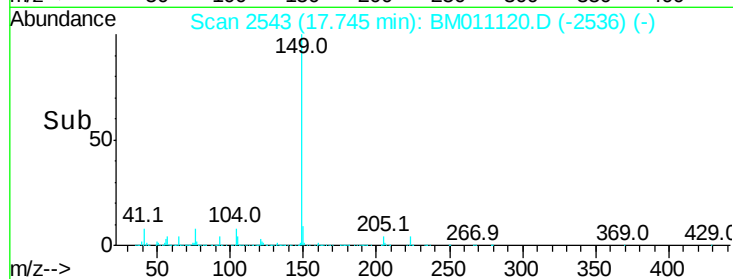
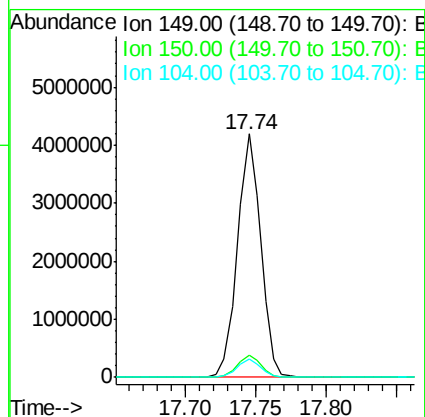
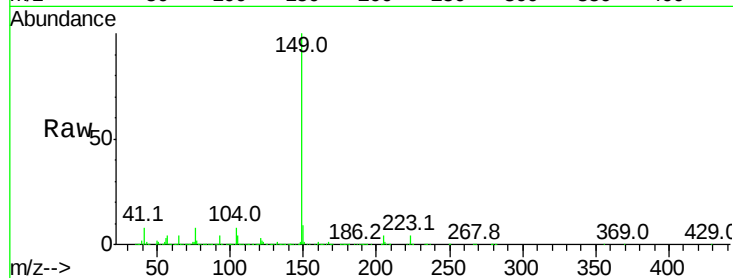
#73
Di-n-butylphthalate
Concen: 45.256 ng
RT: 17.74 min Scan# 2543
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampled :
PB101225BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	7.8	3.7	5.5

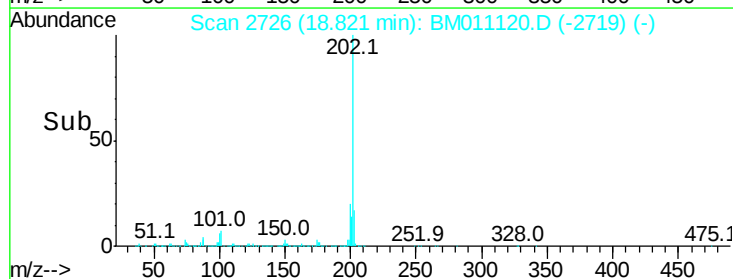
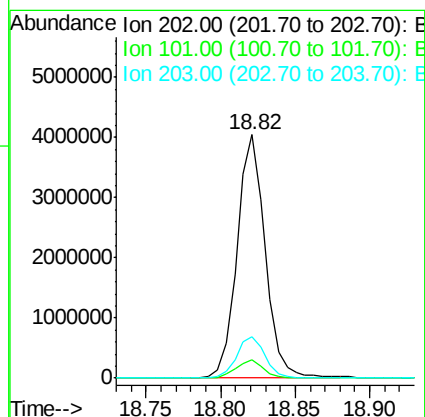
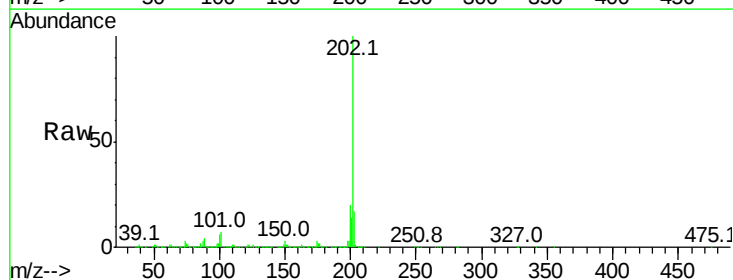
Manual Integrations
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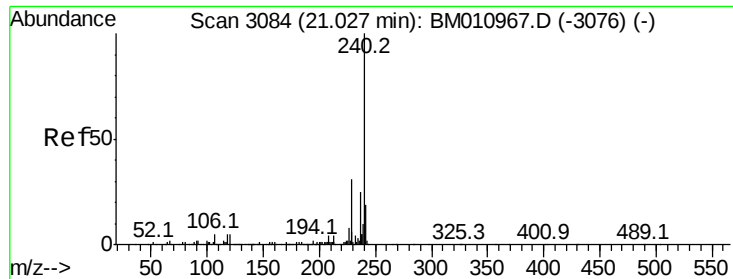
Sohil
8/7/2017 6:07:38 PM



#74
Fluoranthene
Concen: 42.596 ng
RT: 18.82 min Scan# 2726
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.7
203	17.1	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.97 min Scan# 3091

Delta R.T. -0.06 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

Instrument :

BNA_M

ClientSampleId :

PB101225BS

Tot Ion:240 Resp: 1896064

Ion Ratio Lower Upper

240 100

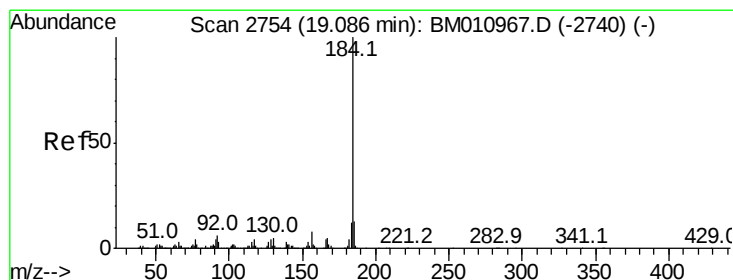
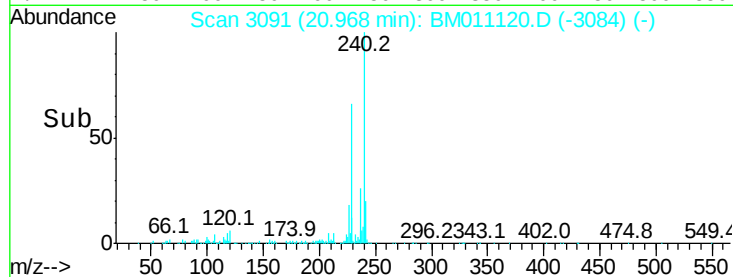
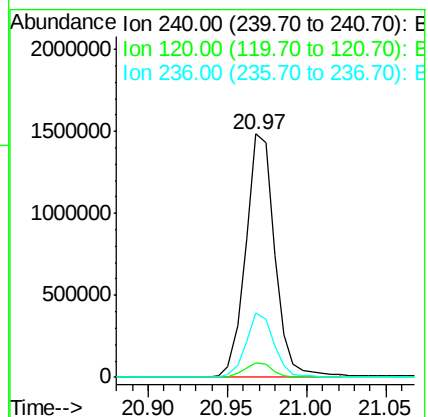
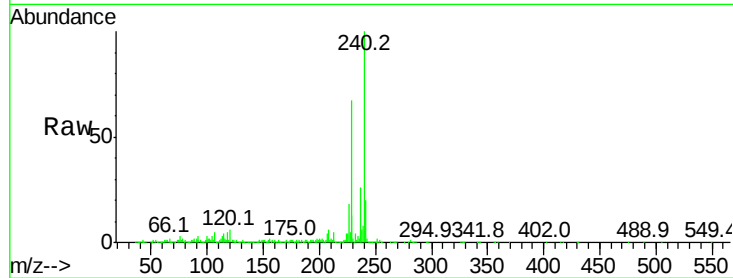
120 5.7 8.2 12.2#

236 26.5 20.0 30.0

Manual Integrations
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#76

Benzidine

Concen: 11.588 ng m

RT: 19.05 min Scan# 2765

Delta R.T. -0.04 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

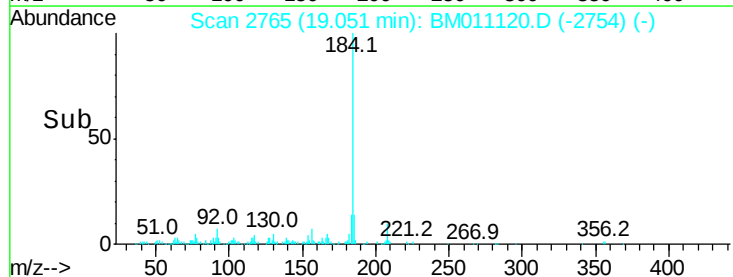
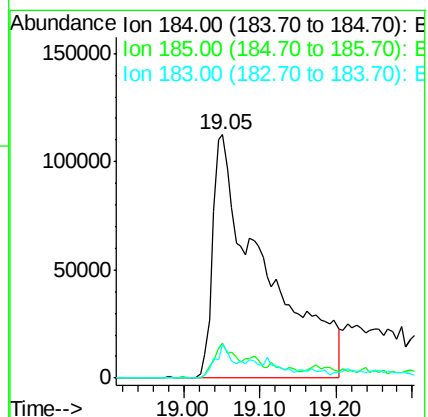
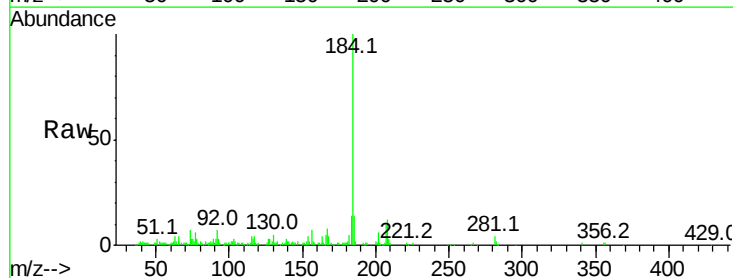
Tgt Ion:184 Resp: 525638

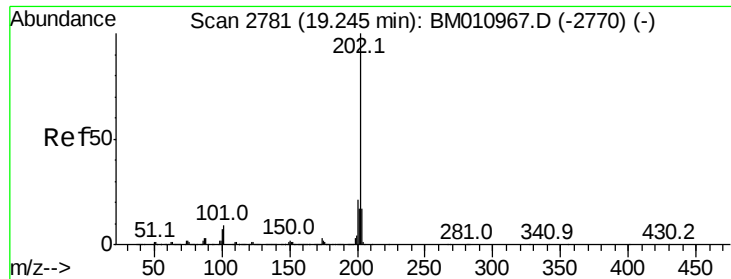
Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

183 14.0 8.9 13.3#





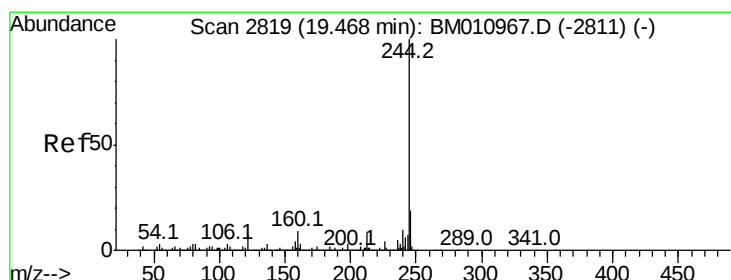
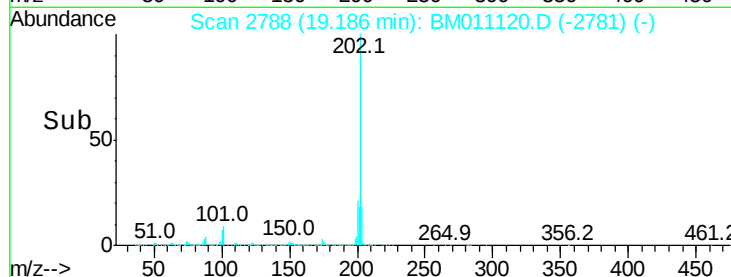
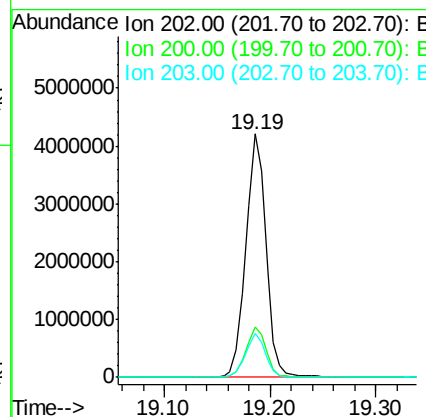
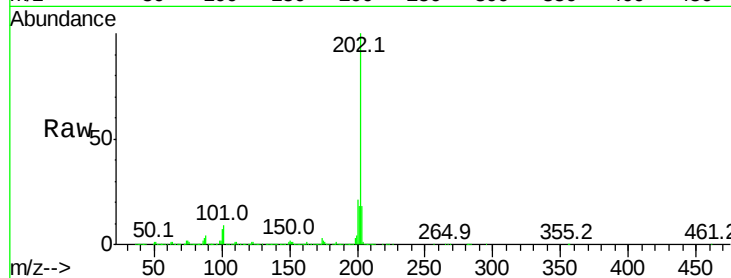
#77
Pvrene
Concen: 49.037 ng
RT: 19.19 min Scan# 2788
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampled :
PB101225BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.9	14.1	21.1

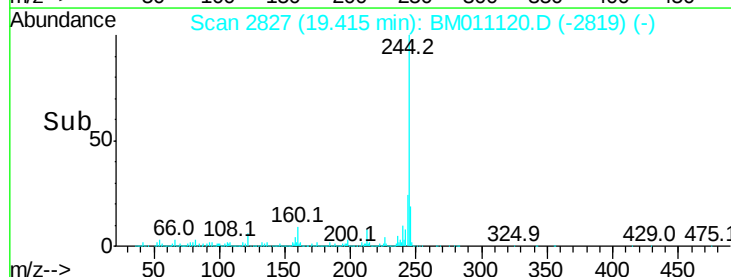
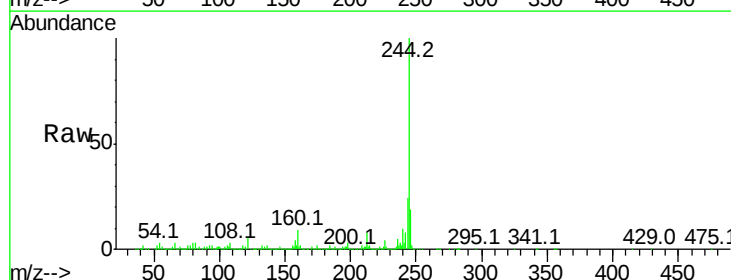
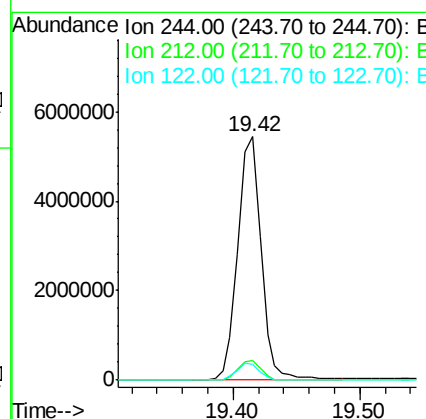
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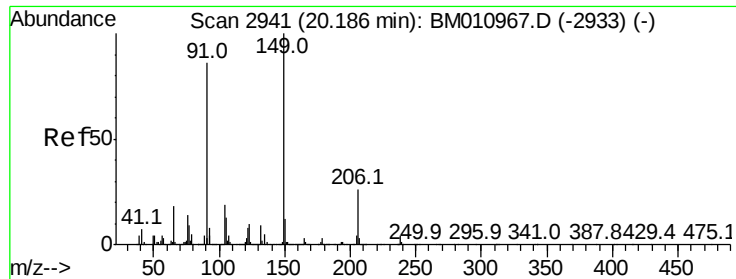
Sohil
8/7/2017 6:07:38 PM



#78
Terphenyl-d14
Concen: 72.768 ng
RT: 19.42 min Scan# 2827
Delta R.T. -0.05 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	6.4	6.2	9.4





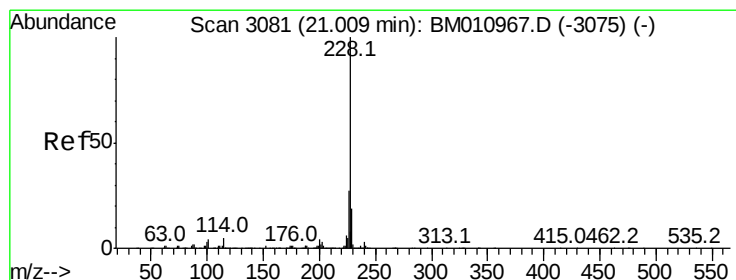
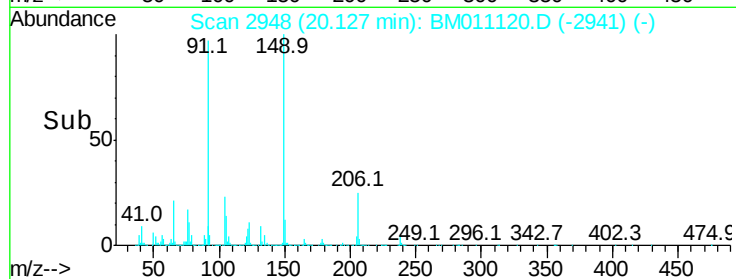
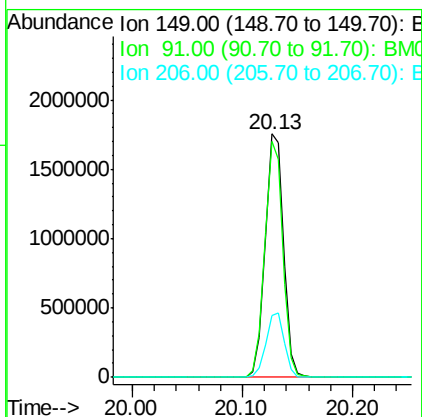
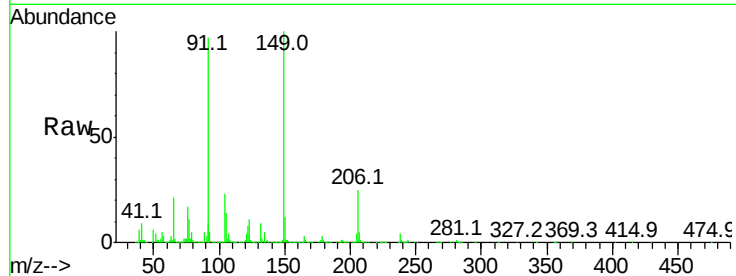
#79
Butylbenzylphthalate
Concen: 51.227 ng
RT: 20.13 min Scan# 2948
Delta R.T. -0.06 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	96.8	50.1	75.1#
206	25.2	16.2	24.2#

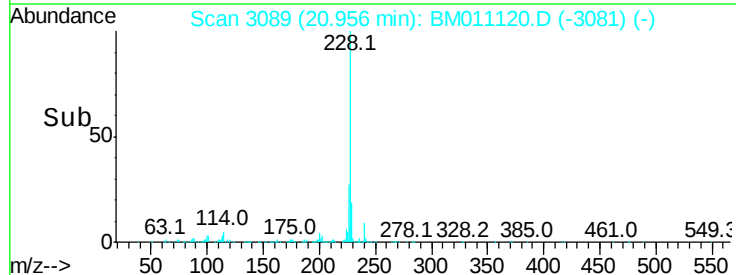
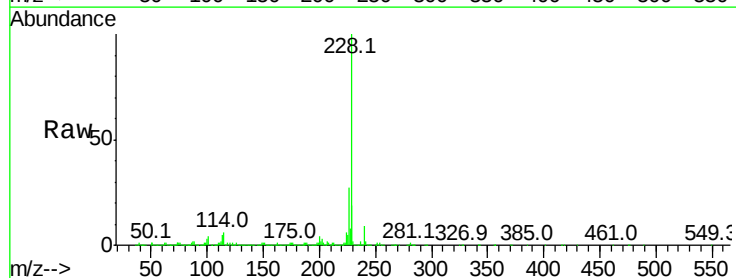
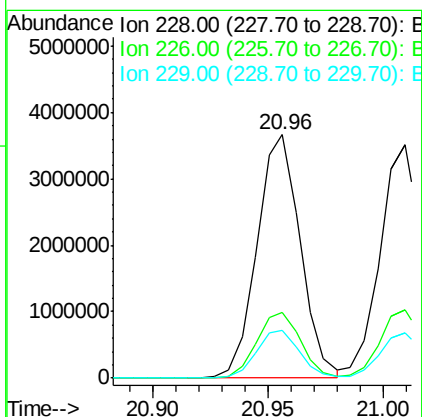
Manual Integrations
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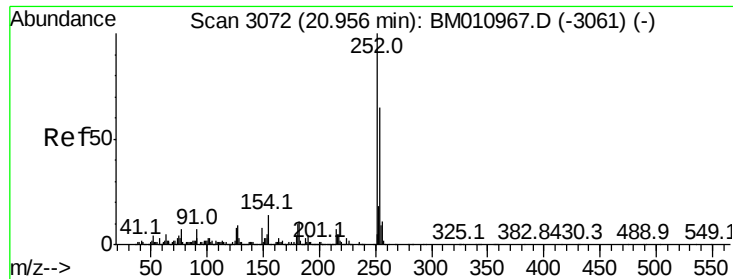
Sohil
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#80
Benzo(a)anthracene
Concen: 44.064 ng
RT: 20.96 min Scan# 3089
Delta R.T. -0.05 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.4	16.0	24.0





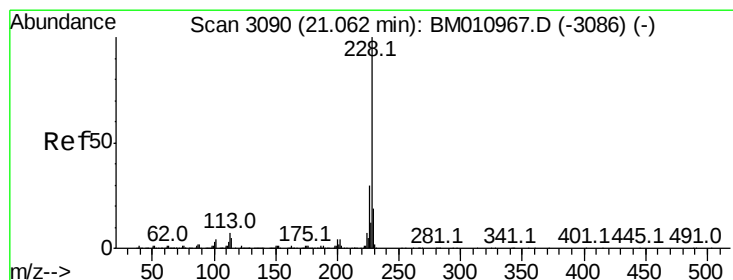
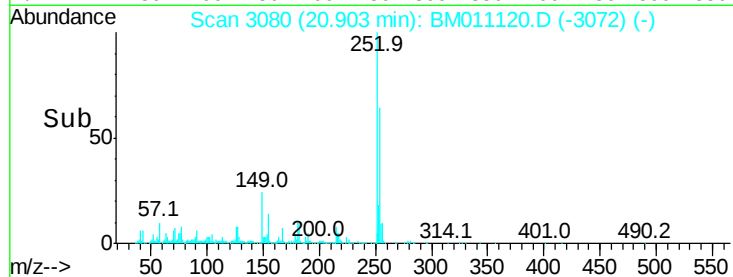
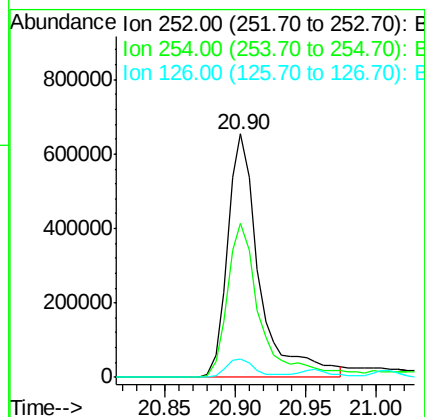
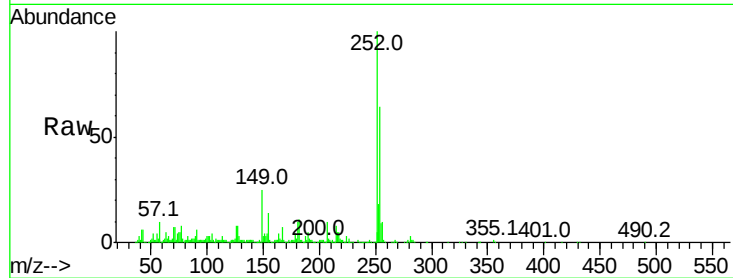
#81
 3,3'-Dichlorobenzidine
 Concen: 24.243 ng
 RT: 20.90 min Scan# 3080
 Delta R.T. -0.05 min
 Lab File: BM011120.D
 Acq: 04 Aug 2017 16:45

Instrument :
 BNA_M
 ClientSampleId :
 PB101225BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.9	77.9
126	7.8	9.8	14.8

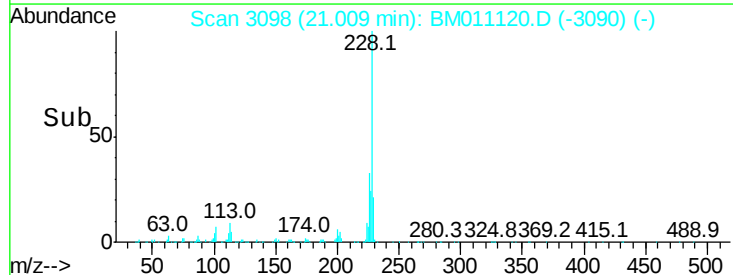
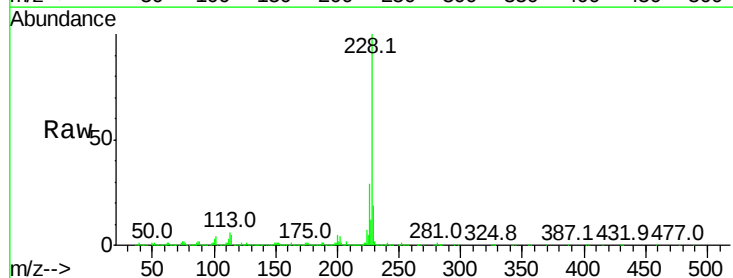
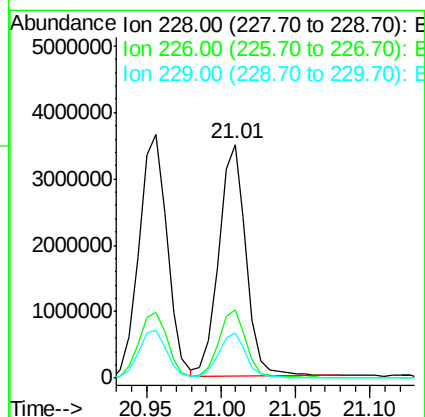
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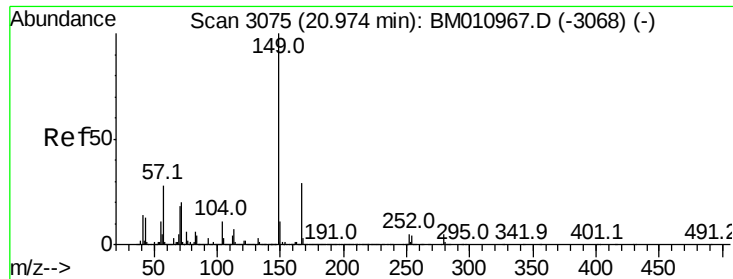
Sohil
 8/7/2017 6:07:38 PM



#82
 Chrysene
 Concen: 43.158 ng
 RT: 21.01 min Scan# 3098
 Delta R.T. -0.05 min
 Lab File: BM011120.D
 Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.1	36.1
229	19.5	15.5	23.3





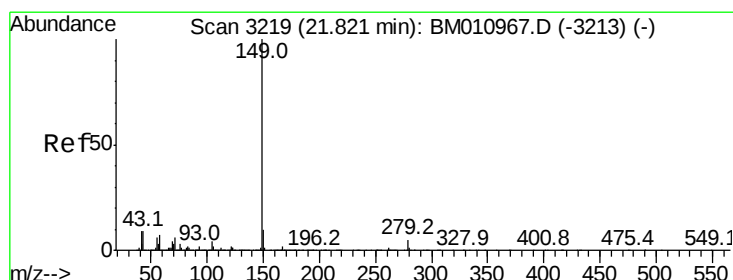
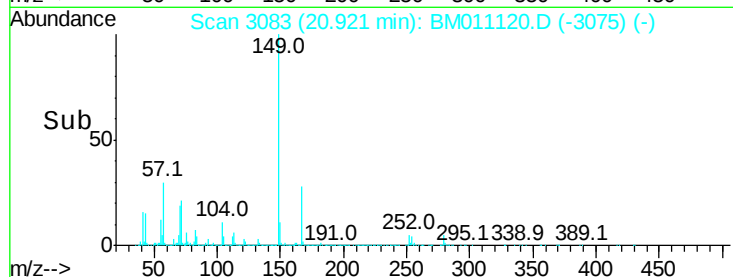
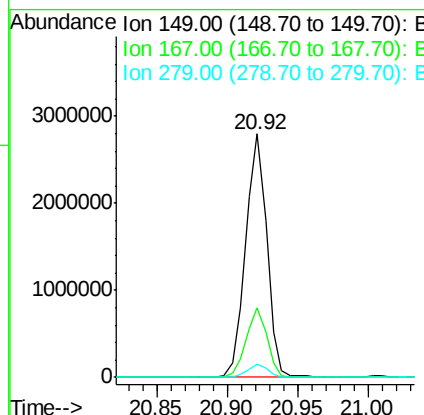
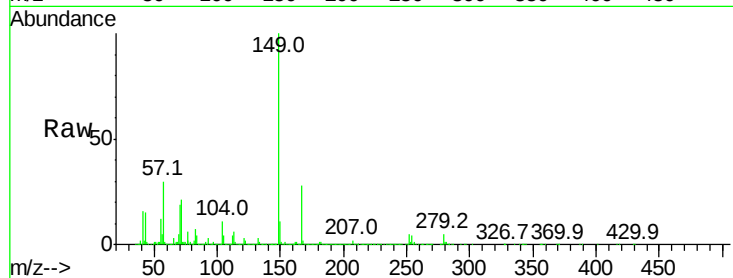
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.907 ng
 RT: 20.92 min Scan# 3083
 Delta R.T. -0.05 min
 Lab File: BM011120.D
 Acq: 04 Aug 2017 16:45

Instrument :
 BNA_M
 ClientSampleId :
 PB101225BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.4	33.6
279	5.3	3.4	5.0

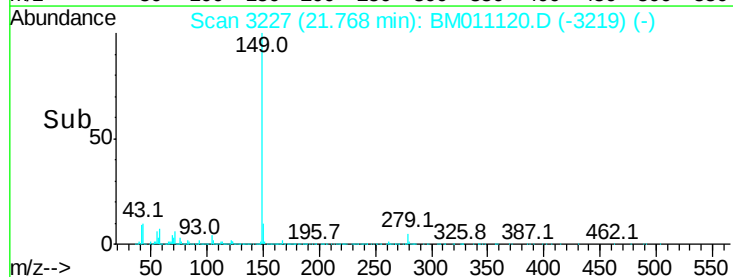
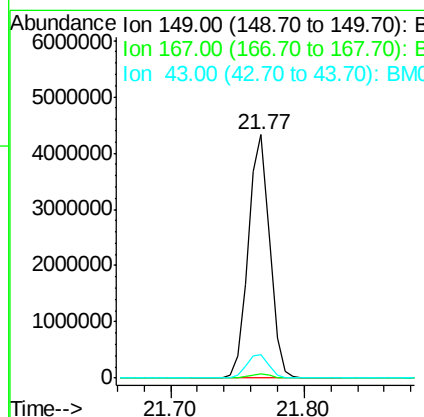
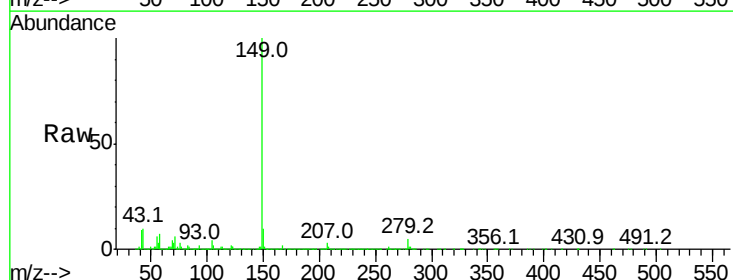
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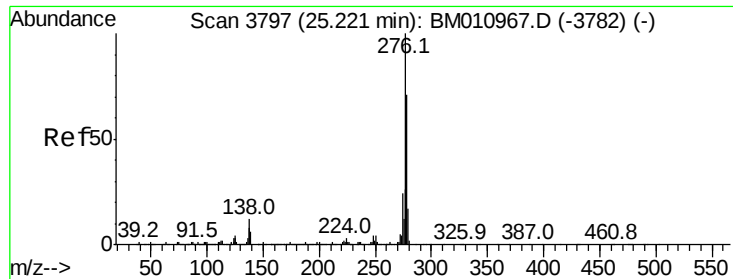
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 49.635 ng
 RT: 21.77 min Scan# 3227
 Delta R.T. -0.05 min
 Lab File: BM011120.D
 Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	10.2	7.3	10.9





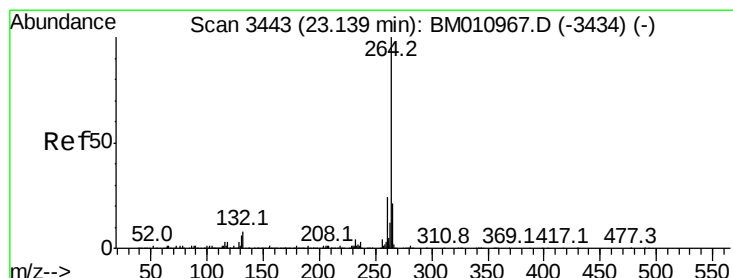
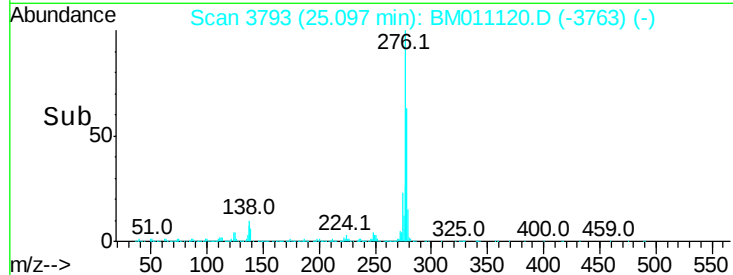
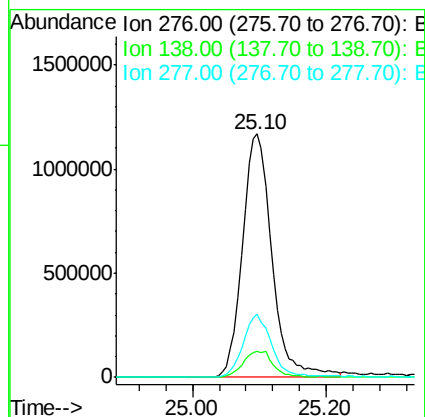
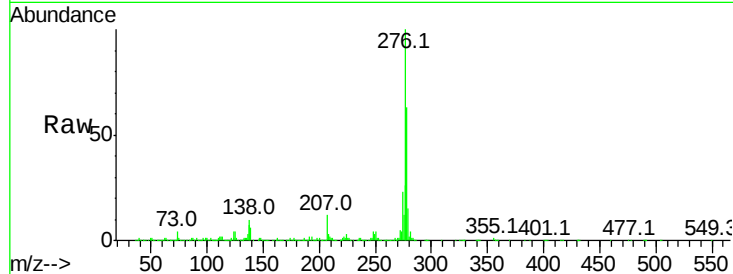
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.868 ng
 RT: 25.10 min Scan# 3793
 Delta R.T. -0.12 min
 Lab File: BM011120.D
 Acq: 04 Aug 2017 16:45

Instrument :
 BNA_M
 ClientSampleId :
 PB101225BS

Tot Ion:276 Resp: 3537570
 Ion Ratio Lower Upper
 276 100
 138 11.0 12.0 18.0#
 277 25.1 20.0 30.0

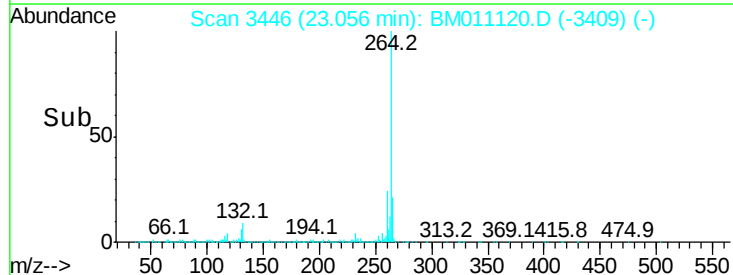
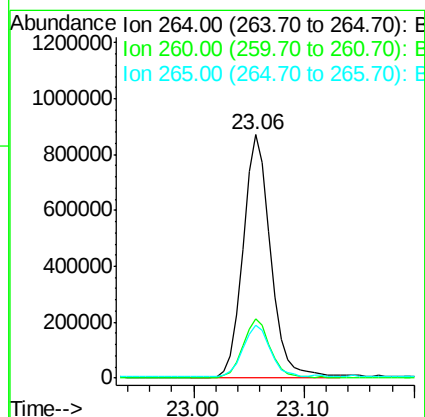
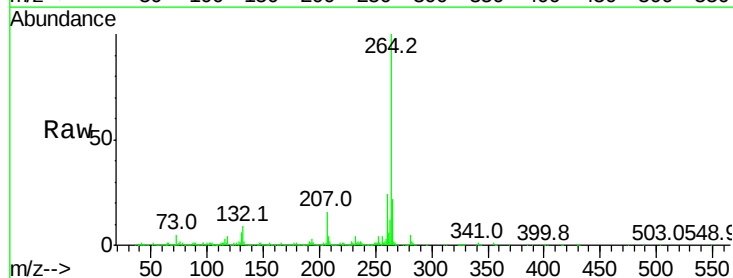
Manual Integrations
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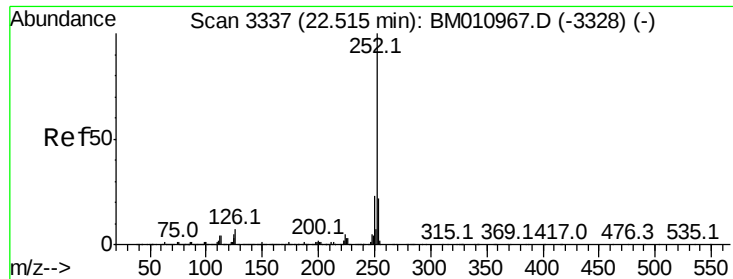
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.06 min Scan# 3446
 Delta R.T. -0.08 min
 Lab File: BM011120.D
 Acq: 04 Aug 2017 16:45

Tgt Ion:264 Resp: 1531321
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 27.8
 265 21.9 17.3 25.9





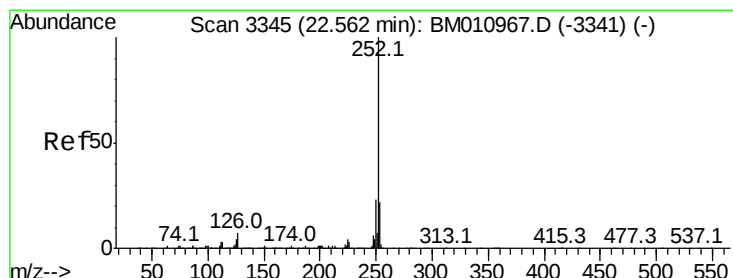
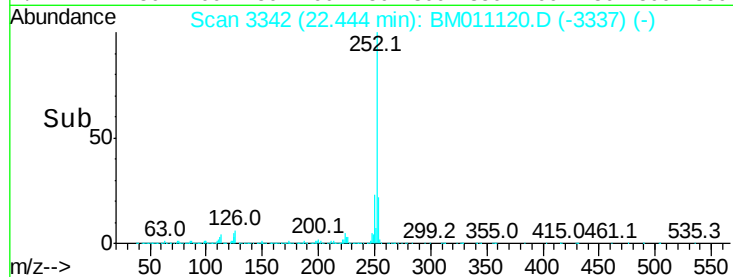
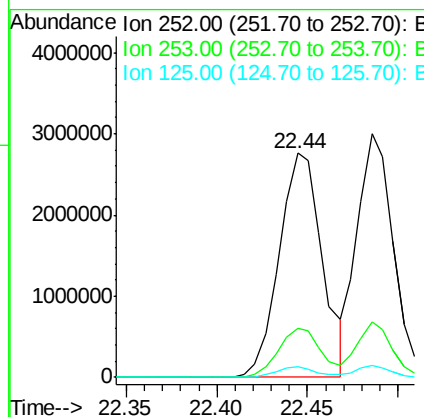
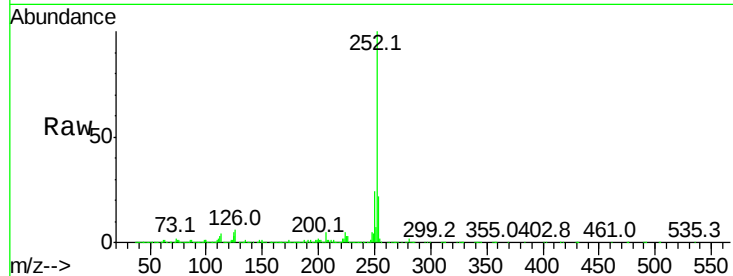
#87
Benzo(b)fluoranthene
Concen: 46.498 ng
RT: 22.44 min Scan# 3342
Delta R.T. -0.07 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	4.7	9.9	14.9

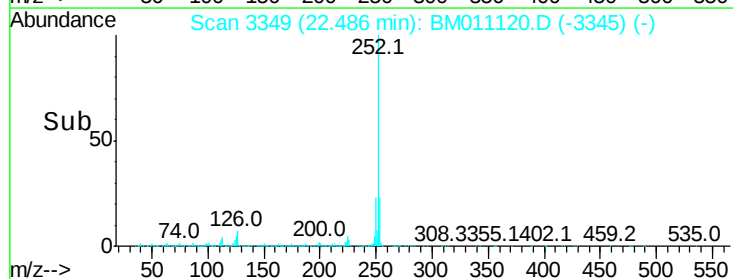
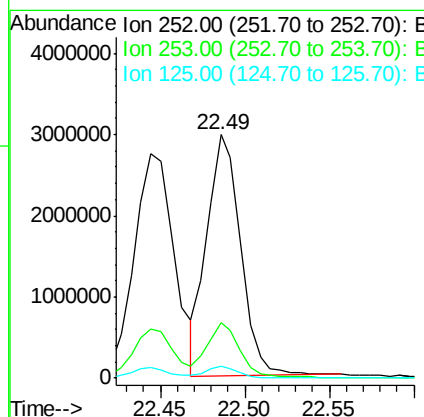
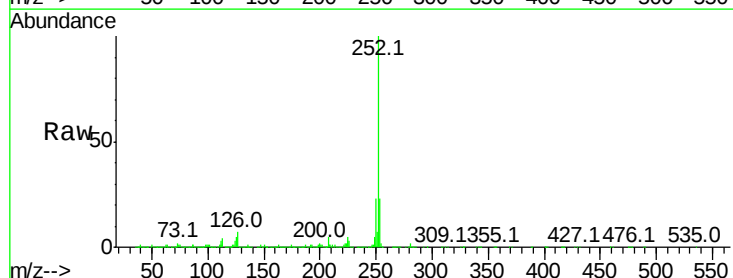
Manual Integrations
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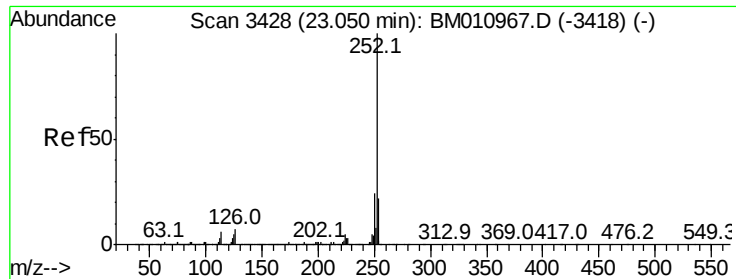
Sohil
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#88
Benzo(k)fluoranthene
Concen: 43.889 ng
RT: 22.49 min Scan# 3349
Delta R.T. -0.08 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	4.9	8.1	12.1





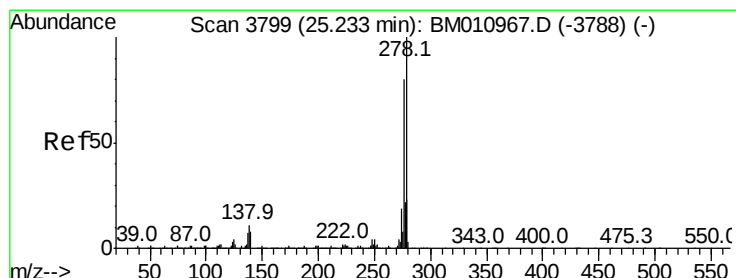
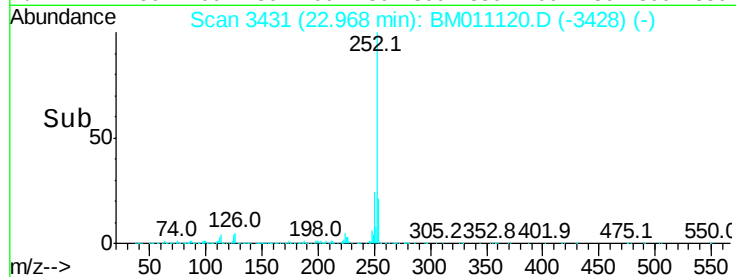
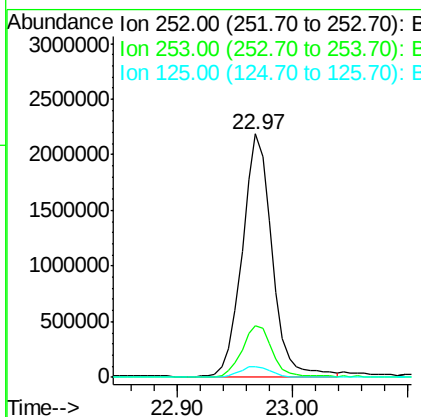
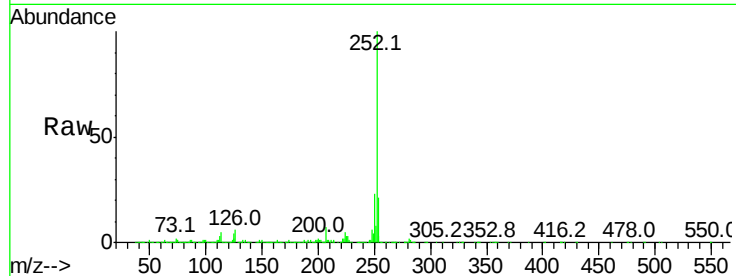
#89
Benzo(a)pyrene
Concen: 43.784 ng
RT: 22.97 min Scan# 3431
Delta R.T. -0.08 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	4.4	7.4	11.2

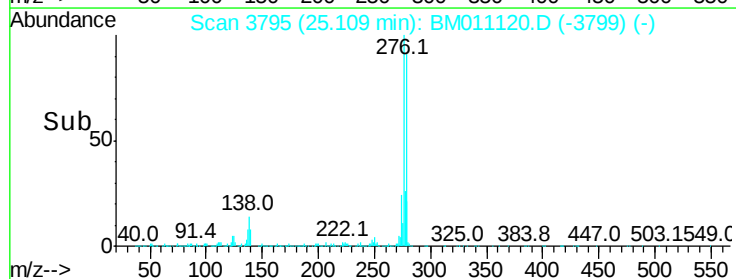
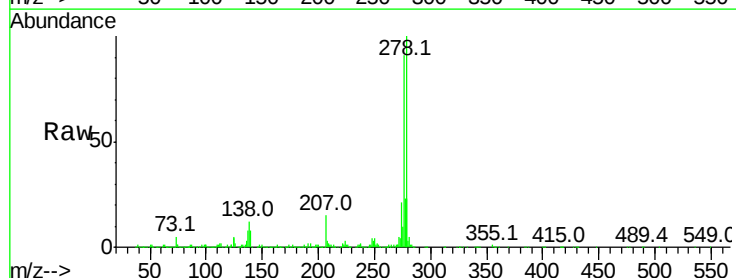
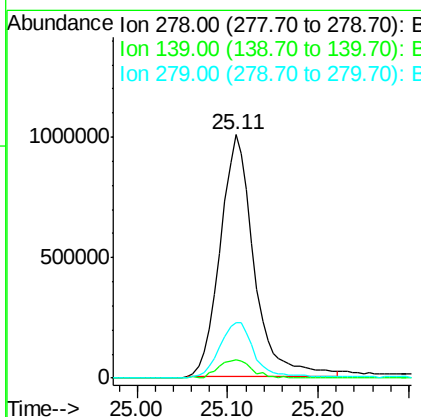
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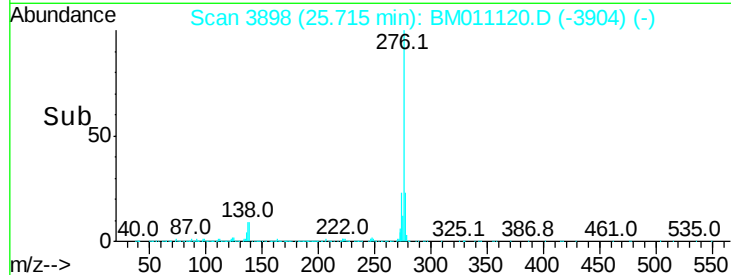
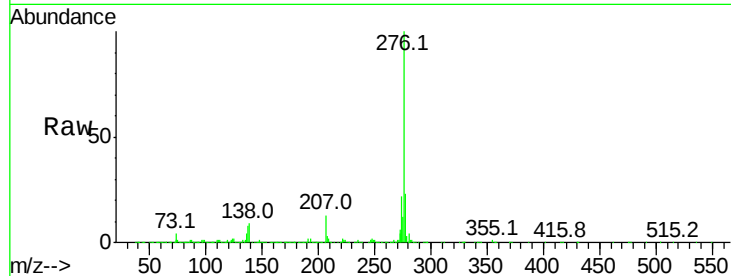
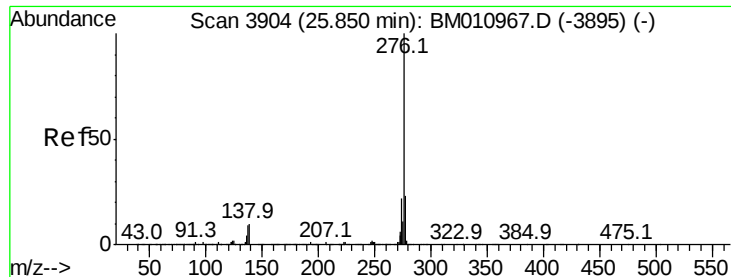
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 31.351 ng
RT: 25.11 min Scan# 3795
Delta R.T. -0.12 min
Lab File: BM011120.D
Acq: 04 Aug 2017 16:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.8	13.4	20.0
279	22.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 38.894 ng/ml

RT: 25.71 min Scan# 3898

Delta R.T. -0.14 min

Lab File: BM011120.D

Acq: 04 Aug 2017 16:45

Instrument :

BNA_M

ClientSampleId :

PB101225BS

Tot Ion: 276 Resp: 3148661

Ion Ratio Lower Upper

276 100

277 22.9 18.5 27.7

138 8.9 19.0 28.6#

Manual Integrations
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