

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM009994.D
 Acq On : 11 May 2017 20:54
 Operator : SJ/MA
 Sample : PB98840BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB98840BS

Manual Integrations
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Quant Time: May 12 07:12:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	58232	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	256359	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	166303	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	413733	20.00	ng	-0.02
75) Chrysene-d12	21.36	240	517098	20.00	ng	-0.02
86) Perylene-d12	23.66	264	411142	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	567825	152.60	ng	-0.02
7) Phenol-d6	6.95	99	853569	143.16	ng	-0.02
23) Nitrobenzene-d5	8.93	82	616553	87.89	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	331098	145.47	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1152933	92.71	ng	-0.02
78) Terphenyl-d14	19.80	244	2029735	82.73	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	45142	32.74	ng	# 100
3) Pyridine	3.68	79	172217	33.89	ng	# 86
4) n-Nitrosodimethylamine	3.60	42	109852	39.47	ng	# 63
6) Aniline	7.10	93	217535	28.10	ng	# 90
8) 2-Chlorophenol	7.33	128	181690	44.98	ng	# 76
9) Benzaldehyde	6.93	77	27285	6.11	ng	# 71
10) Phenol	6.97	94	296744	45.80	ng	# 92
11) bis(2-Chloroethyl)ether	7.20	93	204081	40.51	ng	# 83
12) 1,3-Dichlorobenzene	7.65	146	176126	39.05	ng	# 84
13) 1,4-Dichlorobenzene	7.80	146	180106	38.97	ng	# 93
14) 1,2-Dichlorobenzene	8.11	146	175190	39.10	ng	# 91
15) Benzyl Alcohol	8.02	79	231601	45.58	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.29	45	320724	40.11	ng	# 98
17) 2-Methylphenol	8.22	107	181011	42.80	ng	# 87
18) Hexachloroethane	8.82	117	79565	41.53	ng	# 92
19) n-Nitroso-di-n-propylamine	8.57	70	213614	39.49	ng	# 92
20) 3+4-Methylphenols	8.55	107	247941	43.06	ng	# 90
22) Acetophenone	8.60	105	321518	41.02	ng	# 89
24) Nitrobenzene	8.98	77	314678	42.15	ng	# 88
25) Isophorone	9.50	82	519626	43.04	ng	# 84
26) 2-Nitrophenol	9.69	139	100113	44.54	ng	# 38
27) 2,4-Dimethylphenol	9.74	122	193495	45.99	ng	# 83
28) bis(2-Chloroethoxy)methane	9.97	93	308172	42.37	ng	# 98
29) 2,4-Dichlorophenol	10.22	162	188827	46.12	ng	# 96
30) 1,2,4-Trichlorobenzene	10.42	180	195640	40.93	ng	# 96
31) Naphthalene	10.61	128	559619	39.65	ng	# 98
32) Benzoic acid	9.92	122	120414	42.78	ng	# 70
33) 4-Chloroaniline	10.75	127	85350	14.23	ng	# 81
34) Hexachlorobutadiene	10.87	225	126519	38.90	ng	# 94
35) Caprolactam	11.56	113	65036m	40.66	ng	# 80
36) 4-Chloro-3-methylphenol	11.87	107	234856	42.93	ng	# 89
37) 2-Methylnaphthalene	12.22	142	439726	43.53	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	249136	41.16	ng	# 100
40) Hexachlorocyclopentadiene	12.56	237	147590	89.06	ng	# 99

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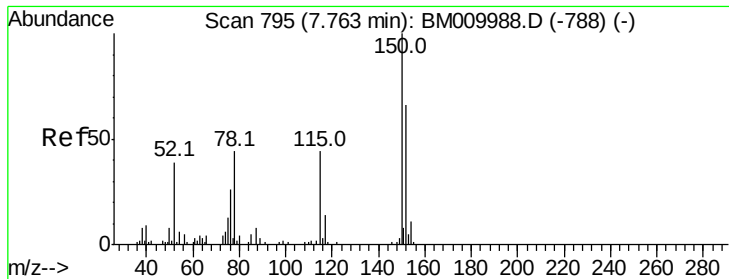
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Quant Time: May 12 07:12:44 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	166782	44.76	nq	98
43) 2,4,5-Trichlorophenol	12.93	196	172293	42.56	nq	# 85
45) 1,1'-Biphenyl	13.25	154	584537	42.24	nq	96
46) 2-Chloronaphthalene	13.29	162	459361	42.24	nq	96
47) 2-Nitroaniline	13.52	65	211477	42.95	nq	# 67
48) Acenaphthylene	14.14	152	760112	44.38	nq	99
49) Dimethylphthalate	13.88	163	601548	41.04	nq	# 98
50) 2,6-Dinitrotoluene	14.02	165	130118	43.80	nq	# 55
51) Acenaphthene	14.48	154	463863	42.98	nq	98
52) 3-Nitroaniline	14.36	138	81837	25.94	nq	# 49
53) 2,4-Dinitrophenol	14.57	184	144139	81.37	nq	89
54) Dibenzofuran	14.82	168	761215	46.04	nq	95
55) 4-Nitrophenol	14.68	139	193050	91.38	nq	# 23
56) 2,4-Dinitrotoluene	14.82	165	192871	43.89	nq	# 73
57) Fluorene	15.47	166	632346	43.38	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.06	232	171111	48.93	nq	# 100
59) Diethylphthalate	15.24	149	630267	40.95	nq	99
60) 4-Chlorophenyl-phenylether	15.46	204	337606	42.41	nq	98
61) 4-Nitroaniline	15.53	138	128538	39.99	nq	# 16
62) Azobenzene	15.76	77	906035	48.52	nq	84
64) 4,6-Dinitro-2-methylphenol	15.58	198	111021	41.79	nq	89
65) n-Nitrosodiphenylamine	15.69	169	545375	42.48	nq	100
66) 4-Bromophenyl-phenylether	16.36	248	213826	43.51	nq	95
67) Hexachlorobenzene	16.47	284	225480	41.34	nq	# 91
68) Atrazine	16.64	200	182753	38.95	nq	95
69) Pentachlorophenol	16.83	266	213731	80.13	nq	96
70) Phenanthrene	17.22	178	1028513	43.31	nq	99
71) Anthracene	17.31	178	1056634	43.62	nq	99
72) Carbazole	17.59	167	939228	43.43	nq	98
73) Di-n-butylphthalate	18.13	149	1130957	41.14	nq	# 96
74) Fluoranthene	19.24	202	1263841	41.48	nq	99
76) Benzidine	19.43	184	360899	27.92	nq	97
77) Pyrene	19.60	202	1326650	43.11	nq	99
79) Butylbenzylphthalate	20.49	149	540036	42.14	nq	# 66
80) Benzo(a)anthracene	21.34	228	1354163	43.59	nq	99
81) 3,3'-Dichlorobenzidine	21.29	252	374113	32.69	nq	# 98
82) Chrysene	21.40	228	1223256	41.98	nq	97
83) Bis(2-ethylhexyl)phthalate	21.25	149	786245	41.09	nq	99
84) Di-n-octyl phthalate	22.14	149	1356967	41.34	nq	# 86
85) Indeno(1,2,3-cd)pyrene	25.99	276	1121020	45.64	nq	# 100
87) Benzo(b)fluoranthene	22.96	252	1241163	44.58	nq	# 95
88) Benzo(k)fluoranthene	23.01	252	1194244	45.14	nq	98
89) Benzo(a)pyrene	23.56	252	1117236	45.51	nq	99
90) Dibenzo(a,h)anthracene	26.00	278	967762	44.67	nq	# 93
91) Benzo(g,h,i)perylene	26.71	276	860797	43.12	nq	# 90

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



#1

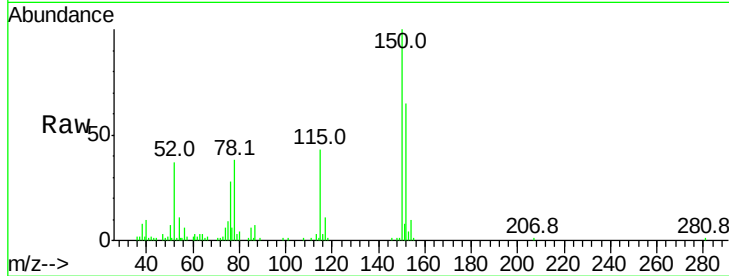
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Instrument :
BNA_M
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PB98840BS

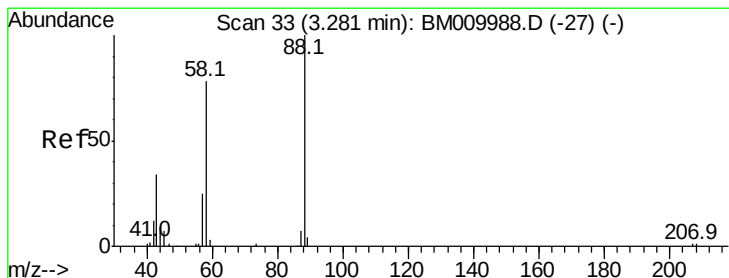
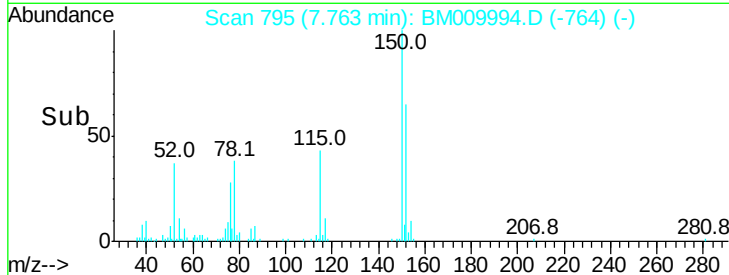
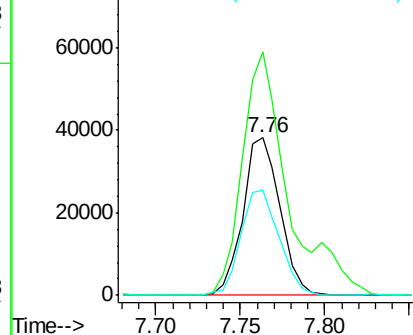
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	119.5	179.3
115	66.6	43.0	64.4

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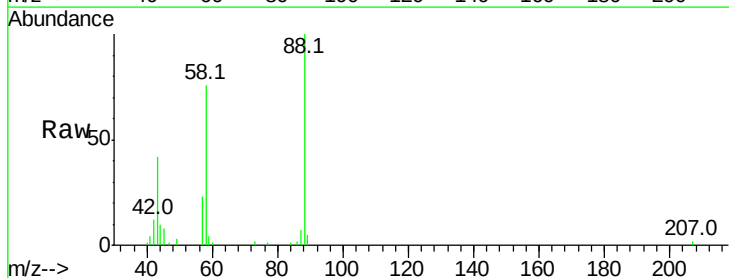
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



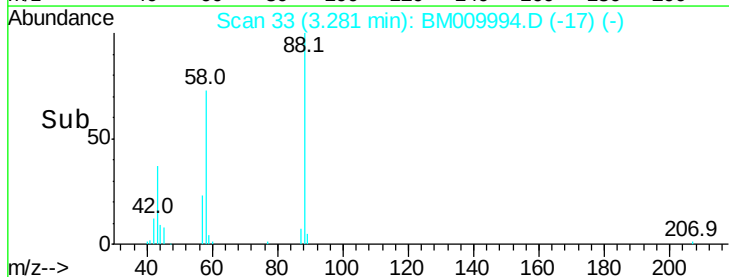
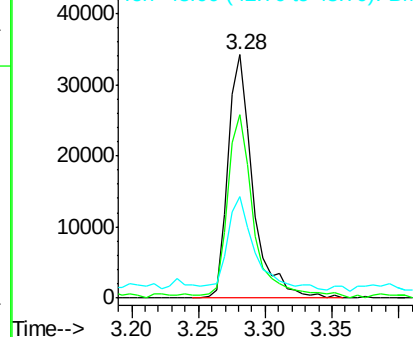
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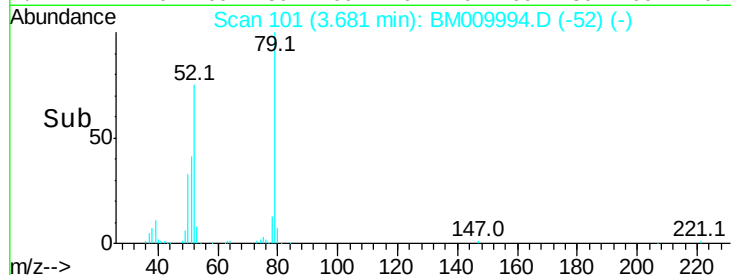
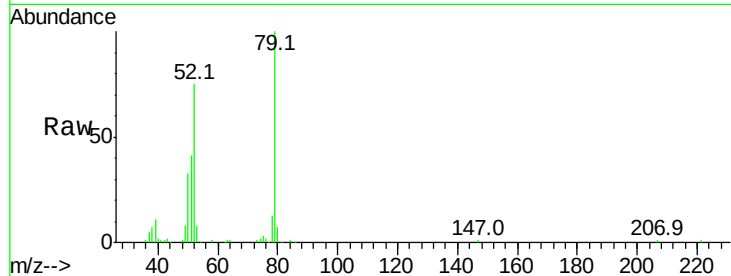
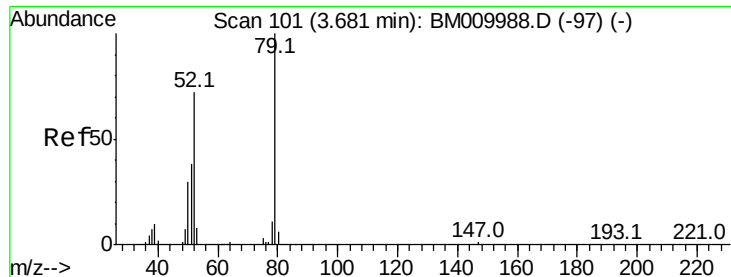
1,4-Dioxane
Concen: 32.74 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	0.0	0.0
43	42.9	0.0	0.0



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





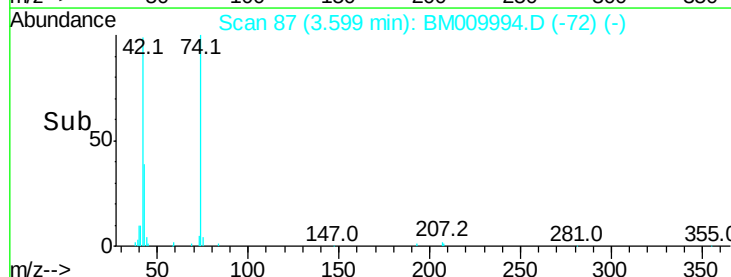
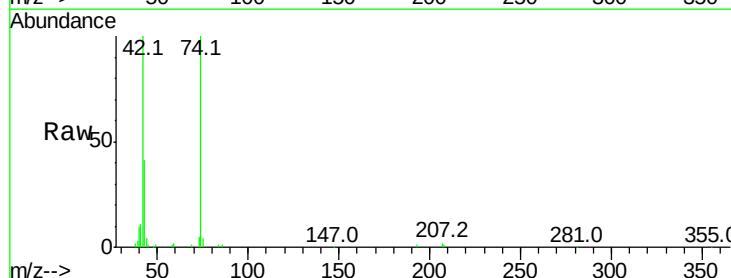
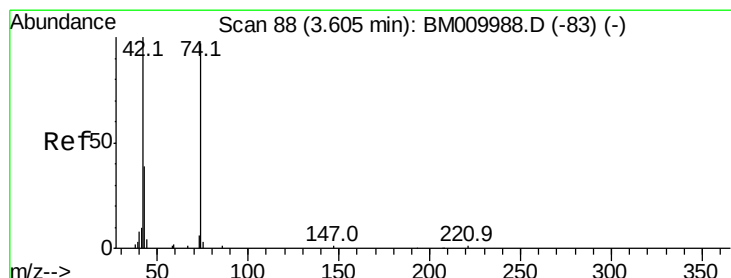
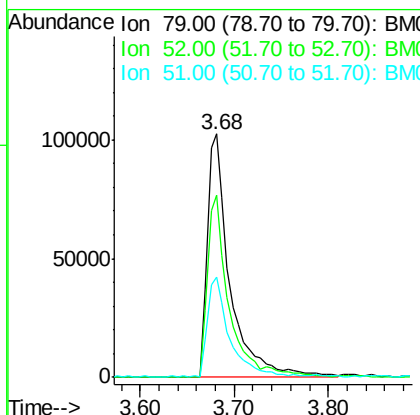
#3
 Pvridine
 Concen: 33.89 ng
 RT: 3.68 min Scan# 101
 Delta R.T. -0.01 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.1	51.1	76.7
51	41.0	26.1	39.1#

Instrument :
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 ClientSampled :
 PB98840BS

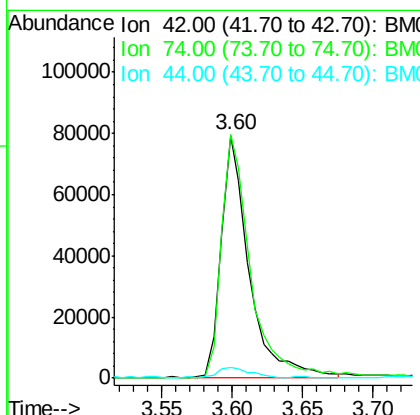
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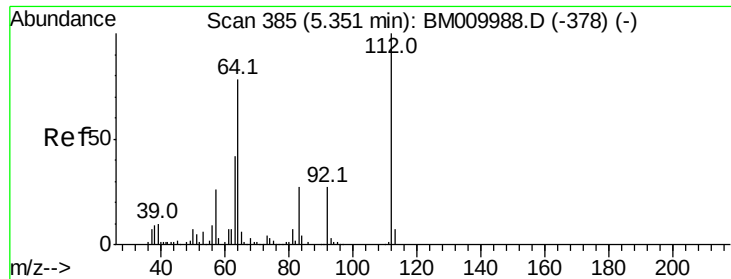
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#4
 n-Nitrosodimethylamine
 Concen: 39.47 ng
 RT: 3.60 min Scan# 87
 Delta R.T. -0.01 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	100.2	119.3	178.9#
44	4.3	5.4	8.2#





#5

2-Fluorophenol

Concen: 152.60 ng

RT: 5.35 min Scan# 385

Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Instrument :

BNA_M

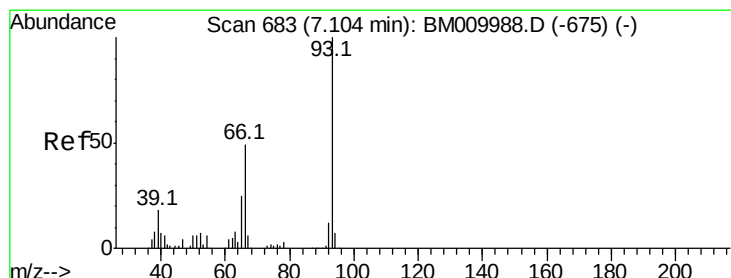
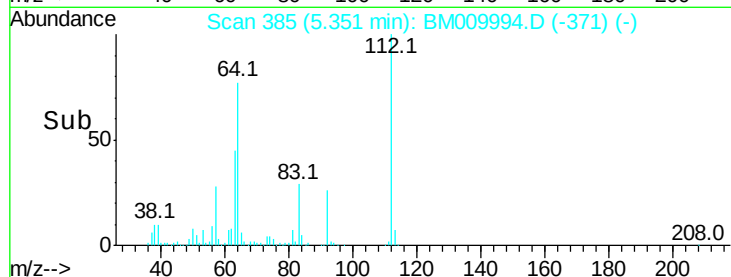
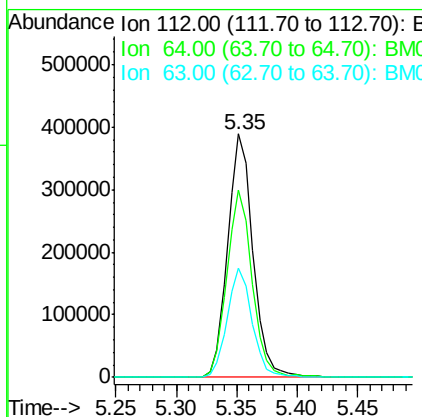
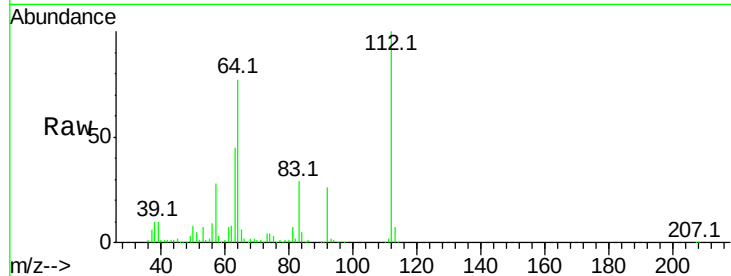
ClientSampled :

PB98840BS

Tot Ion:	112	Resp:	567825
Ion Ratio	Lower	Upper	
112	100		
64	77.1	38.6	57.8#
63	45.0	19.3	28.9#

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#6

Aniline

Concen: 28.10 ng

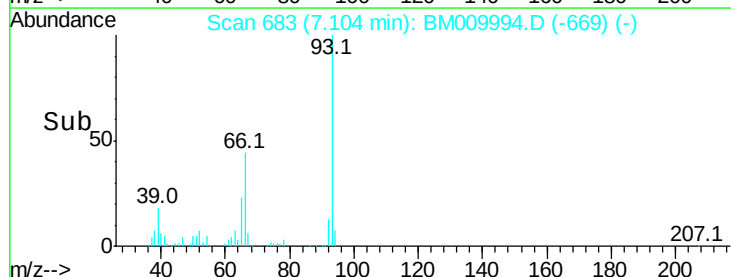
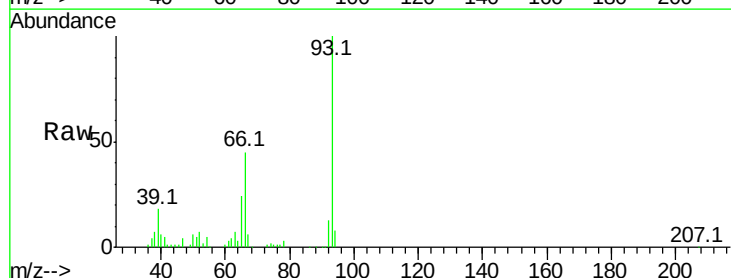
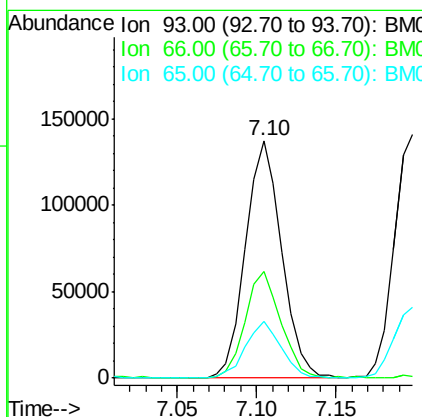
RT: 7.10 min Scan# 683

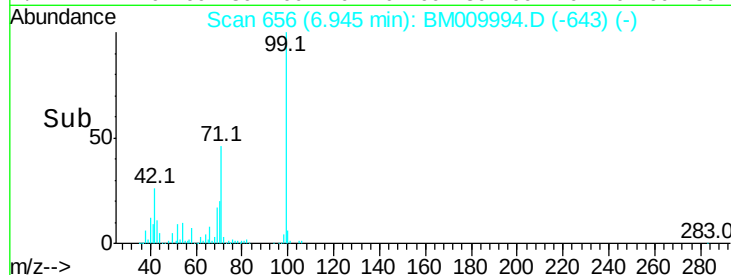
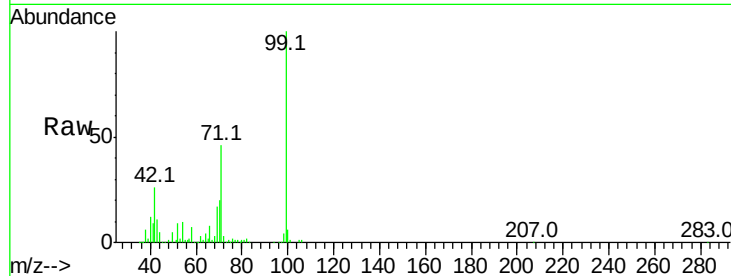
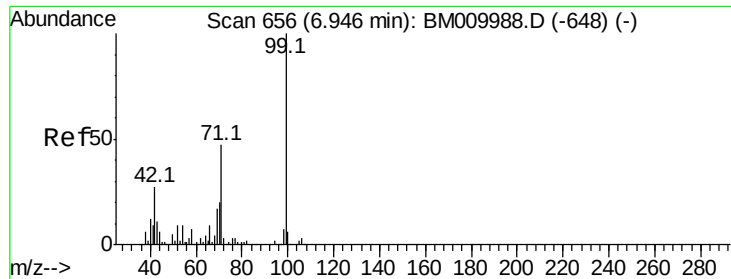
Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Tgt Ion:	93	Resp:	217535
Ion Ratio	Lower	Upper	
93	100		
66	44.9	30.8	46.2
65	23.8	16.0	24.0





#7

Phenol-d6

Concen: 143.16 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Tot Ion	99	Resp	853569
Ion Ratio	Lower	Upper	
99	100		
42	25.7	11.0	16.4#
71	46.4	23.4	35.2#

Instrument :

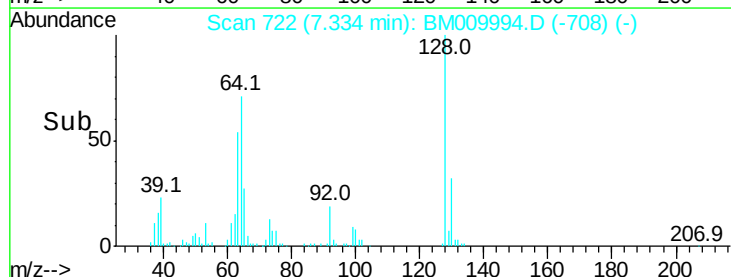
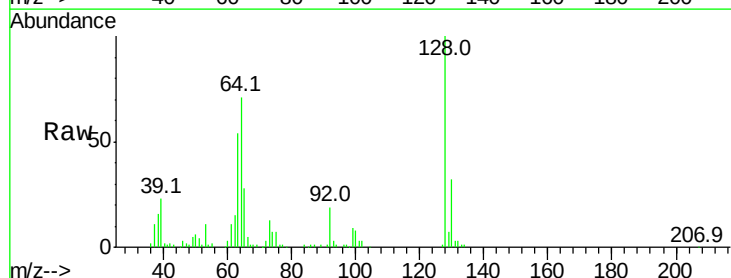
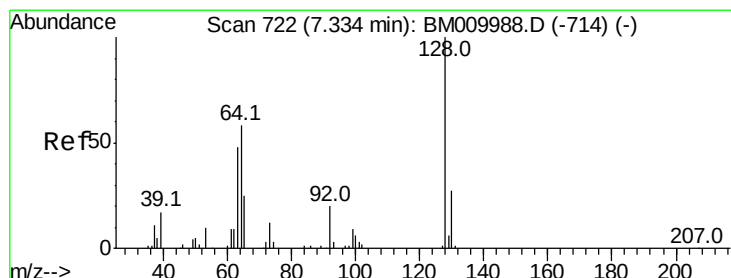
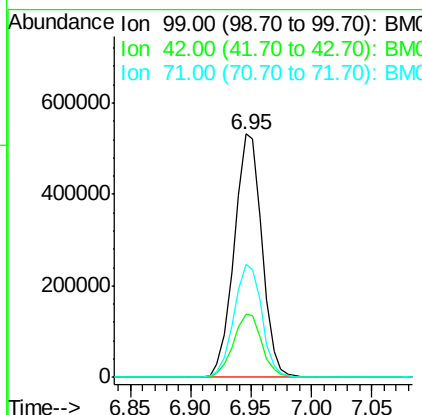
BNA_M

ClientSampleId :

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#8

2-Chlorophenol

Concen: 44.98 ng

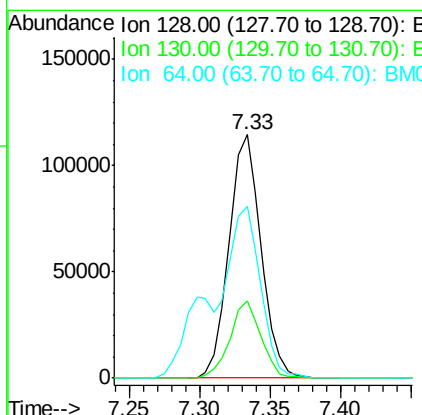
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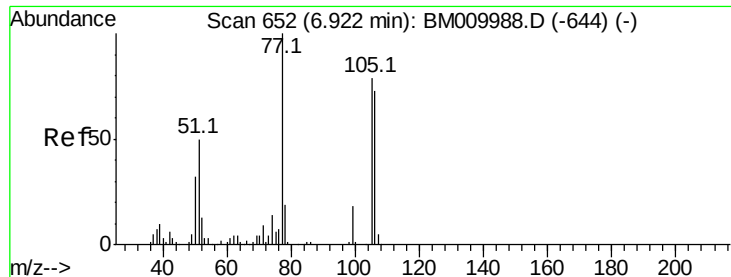
Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Tgt Ion	128	Resp	181690
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.0	52.0
64	70.8	24.9	64.9#





#9

Benzaldehyde

Concen: 6.11 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Instrument :

BNA_M

ClientSampleId :

PB98840BS

Tot Ion: 77 Resp: 27285

Ion Ratio Lower Upper

77 100

105 71.2 78.8 118.8#

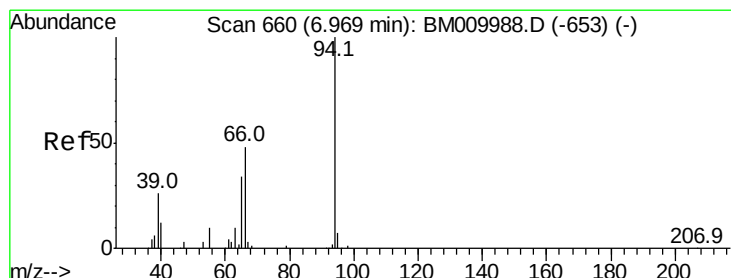
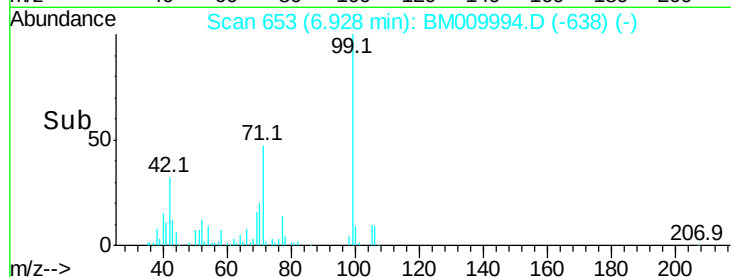
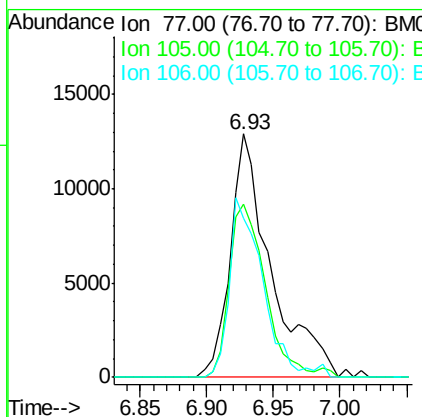
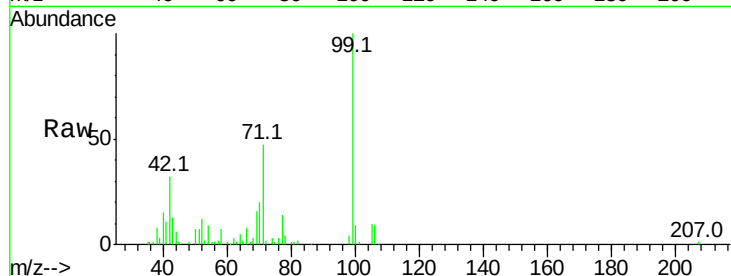
106 65.3 73.7 113.7#

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#10

Phenol

Concen: 45.80 ng

RT: 6.97 min Scan# 661

Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

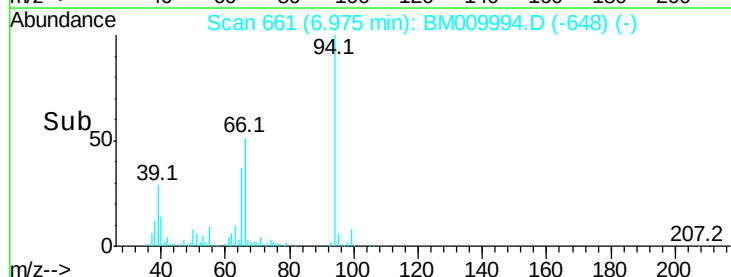
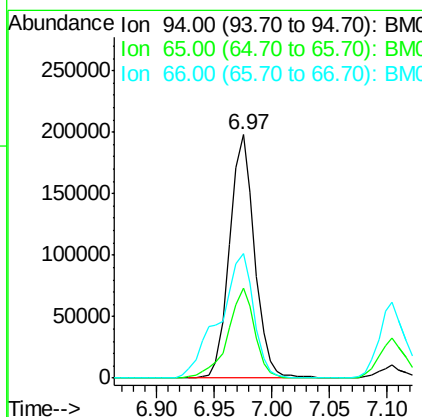
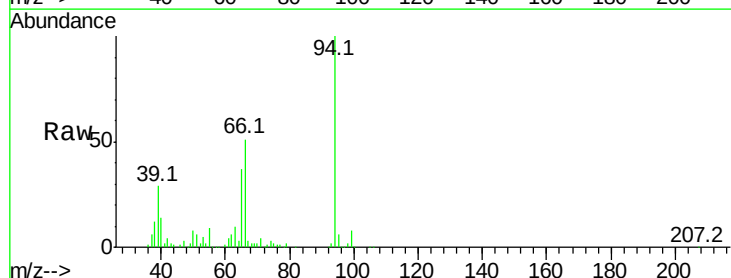
Tgt Ion: 94 Resp: 296744

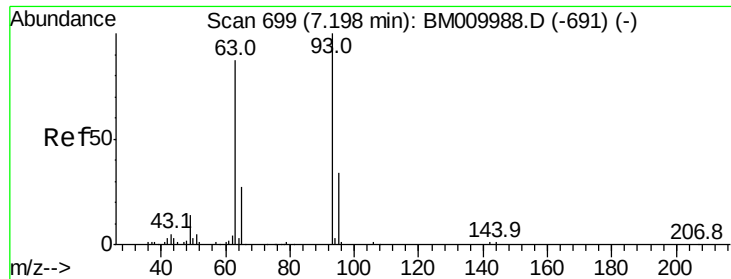
Ion Ratio Lower Upper

94 100

65 36.9 18.8 58.8

66 51.4 39.9 79.9





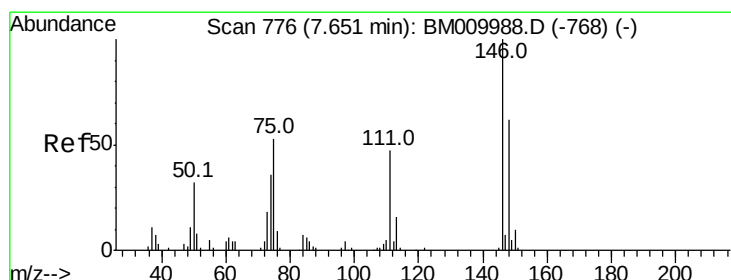
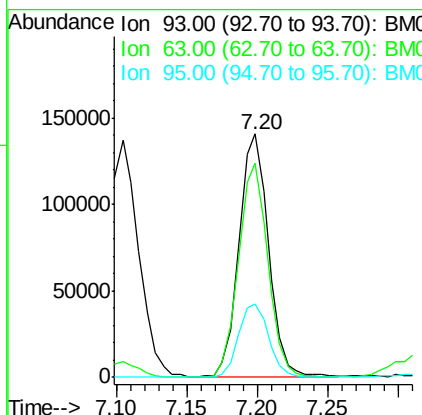
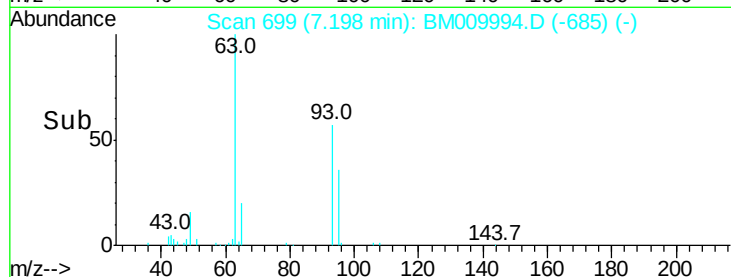
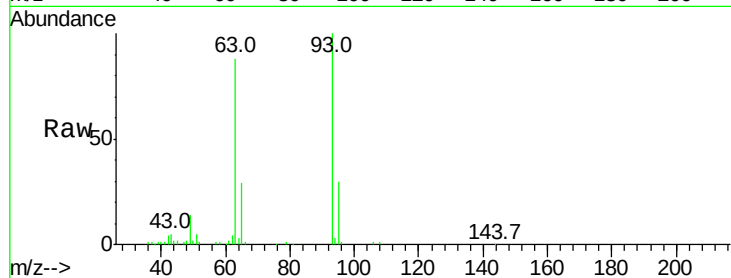
#11
bis(2-Chloroethyl)ether
Concen: 40.51 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Instrument :
BNA_M
ClientSampleId :
PB98840BS

Tot Ion	93	Resp	204081
Ion Ratio	100	Lower	Upper
93	100		
63	88.1	49.5	89.5
95	29.9	13.5	53.5

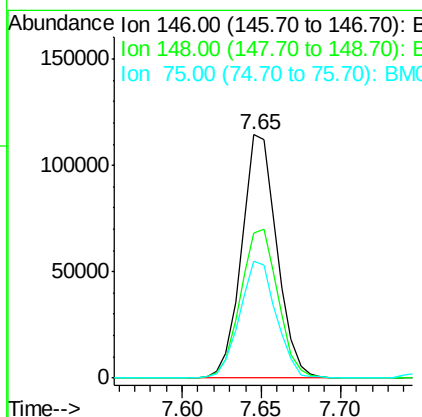
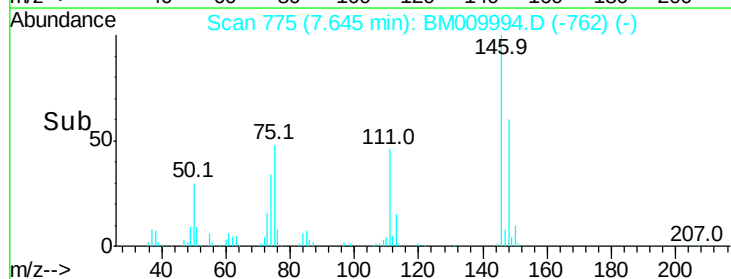
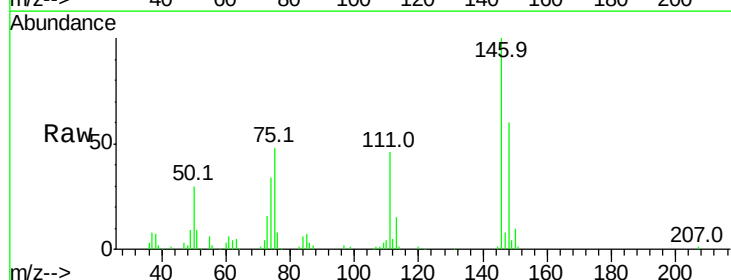
Manual Integrations
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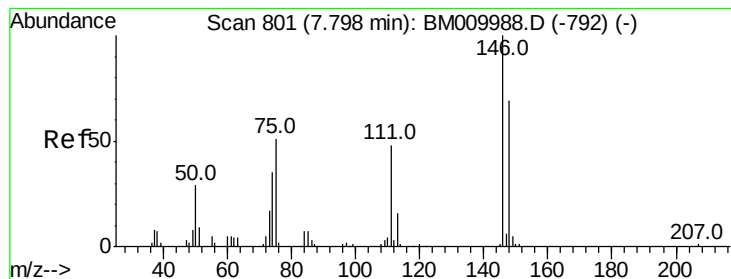
mohammad
5/12/2017 4:30:11 PM



#12
1,3-Dichlorobenzene
Concen: 39.05 ng
RT: 7.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Tgt Ion	146	Resp	176126
Ion Ratio	100	Lower	Upper
146	100		
148	59.8	50.9	76.3
75	48.2	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 38.97 ng

RT: 7.80 min Scan# 801

Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Instrument :

BNA_M

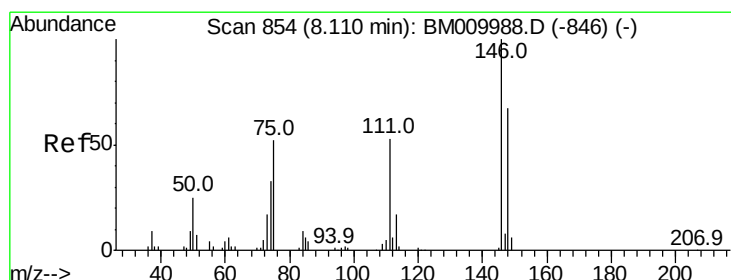
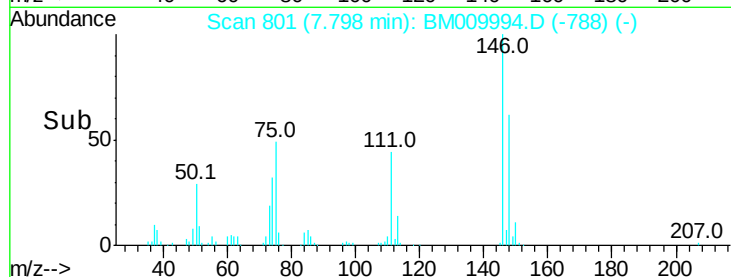
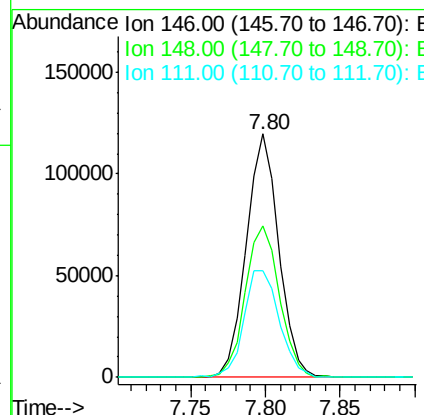
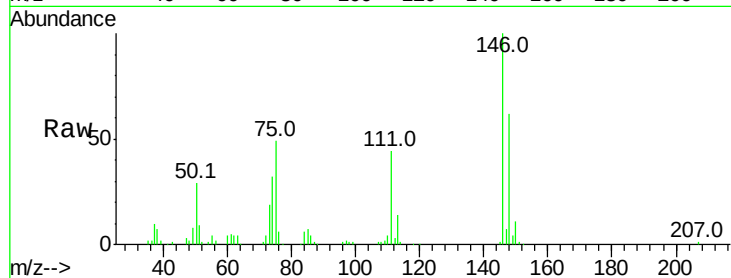
ClientSampleId :

PB98840BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.9	77.9
111	44.0	29.2	43.8

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#14

1,2-Dichlorobenzene

Concen: 39.10 ng

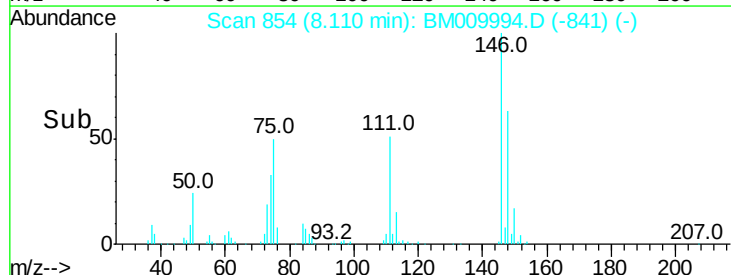
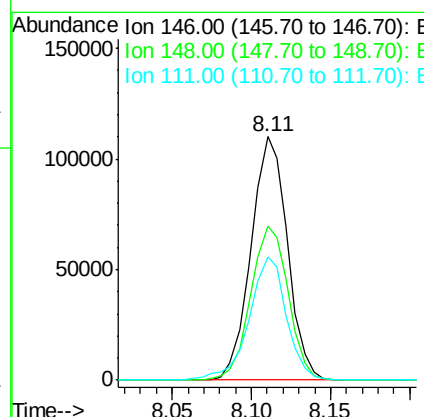
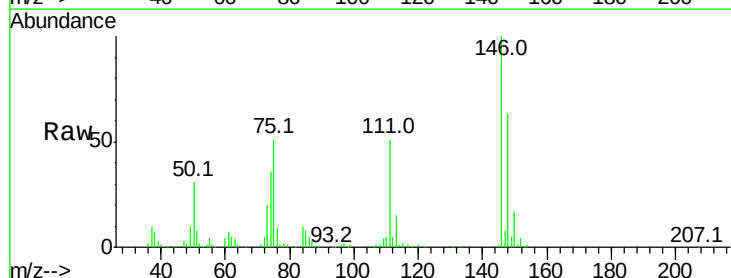
RT: 8.11 min Scan# 854

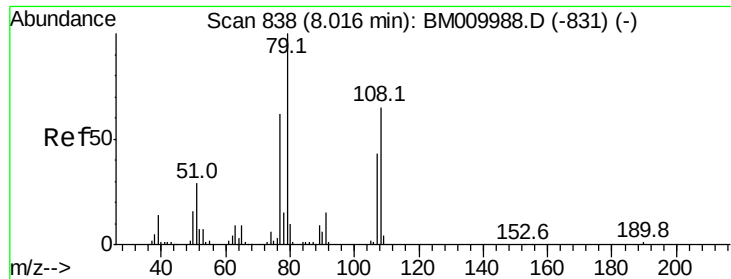
Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.3	78.5
111	50.6	30.6	45.8





#15

Benzyl Alcohol

Concen: 45.58 ng

RT: 8.02 min Scan# 838

Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Instrument :

BNA_M

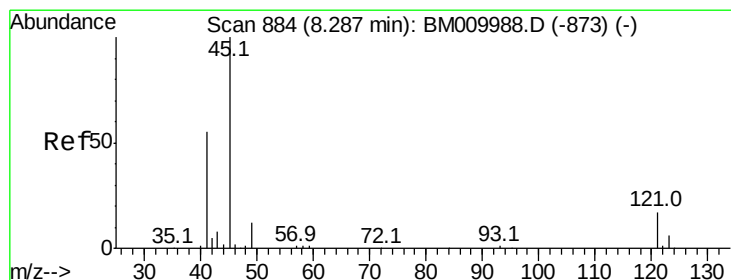
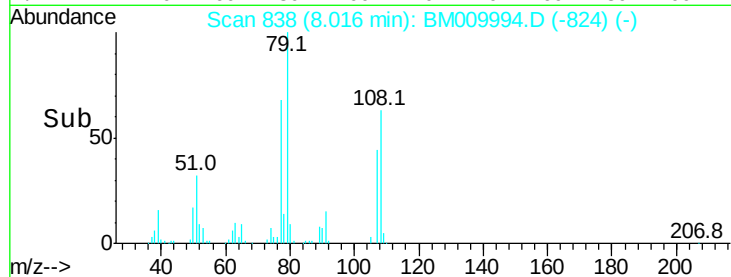
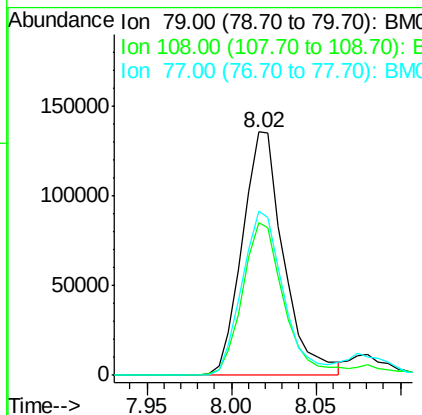
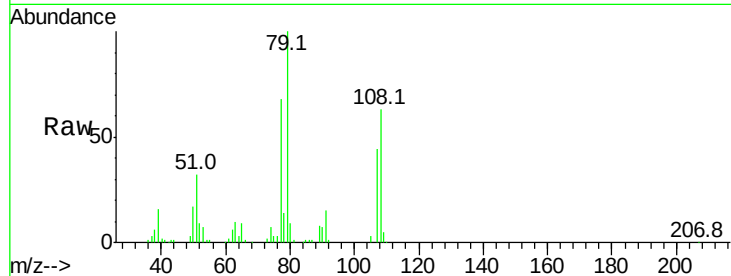
ClientSampleId :

PB98840BS

Tot Ion:	79	Resp:	231601
Ion Ratio	Lower	Upper	
79	100		
108	62.9	65.0	97.4#
77	67.7	53.0	79.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.11 ng

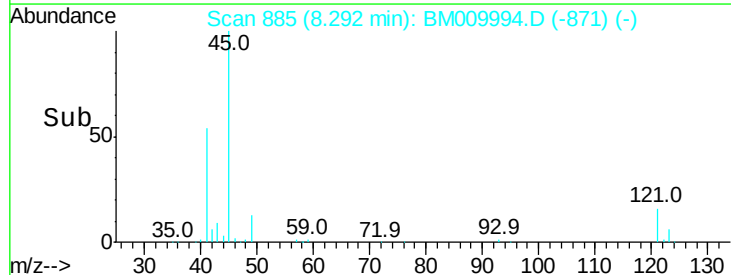
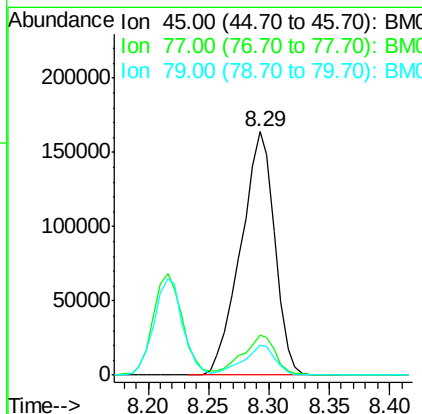
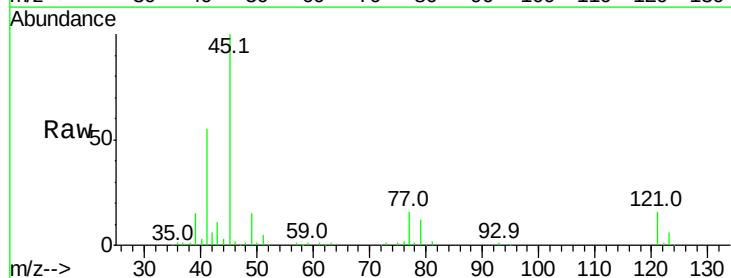
RT: 8.29 min Scan# 885

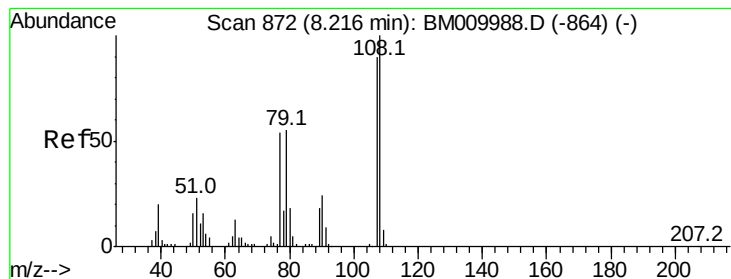
Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Tgt Ion:	45	Resp:	320724
Ion Ratio	Lower	Upper	
45	100		
77	16.2	0.0	35.2
79	12.2	0.0	32.0





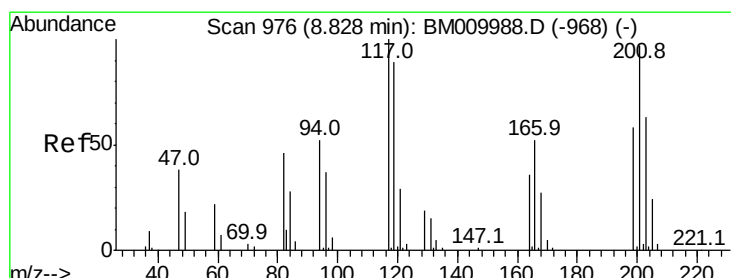
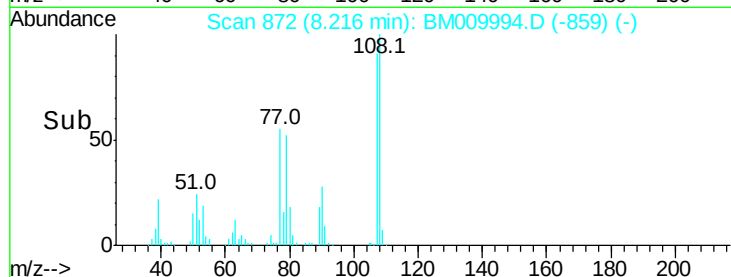
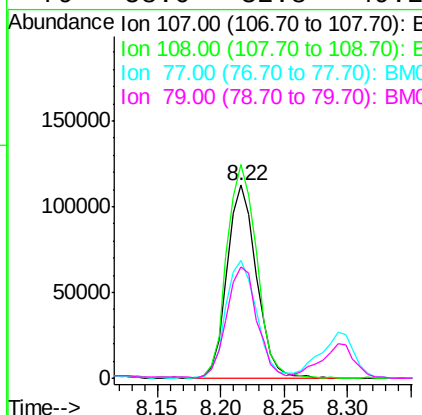
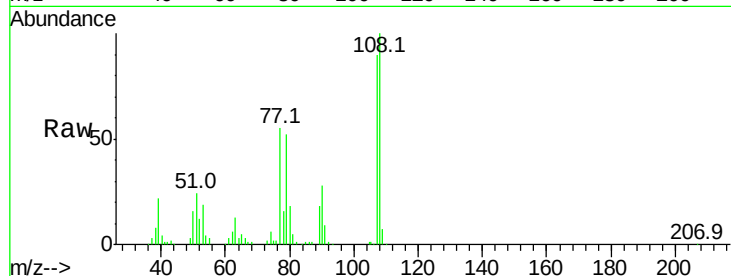
#17
2-Methylphenol
Concen: 42.80 ng
RT: 8.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Instrument :
BNA_M
ClientSampleId :
PB98840BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	181011		
108	110.7	89.8	134.8	
77	61.1	32.6	48.8#	
79	58.0	32.8	49.2#	

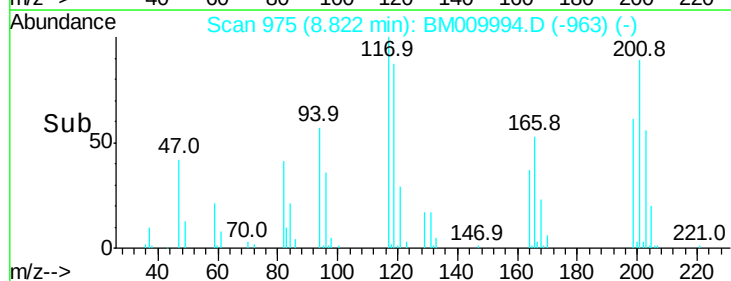
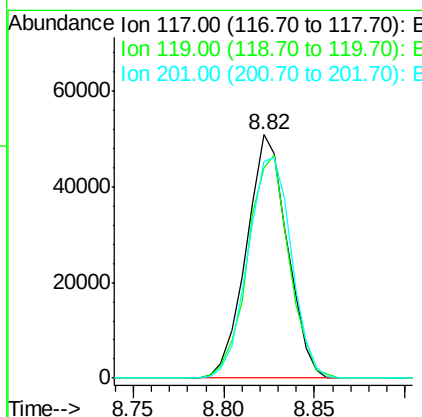
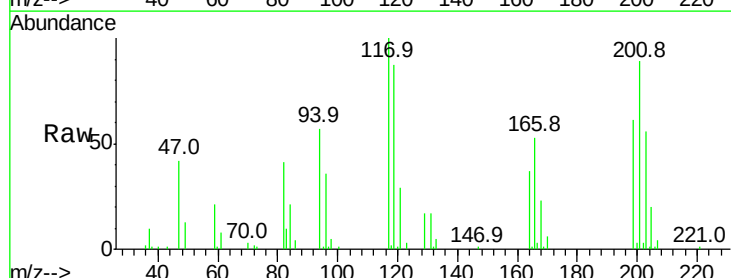
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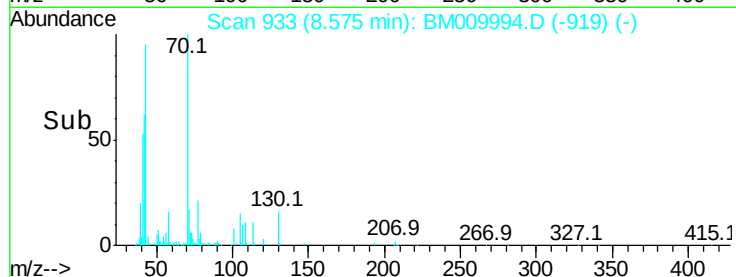
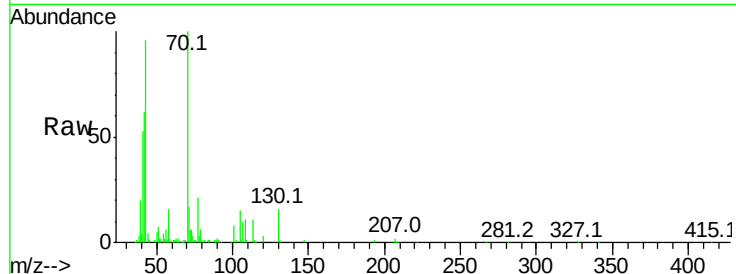
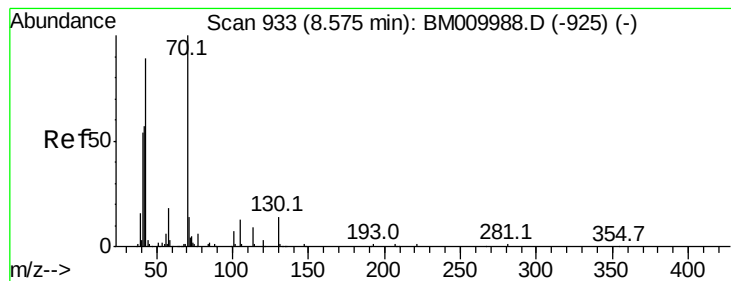
mohammad
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#18
Hexachloroethane
Concen: 41.53 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.03 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	79565		
119	86.6	79.2	118.8	
201	89.1	69.8	104.6	





#19

n-Nitroso-di-n-propylamine

Concen: 39.49 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.6	44.5	66.7		
101	8.4	7.4	11.2		
130	15.6	15.3	22.9		

Instrument :

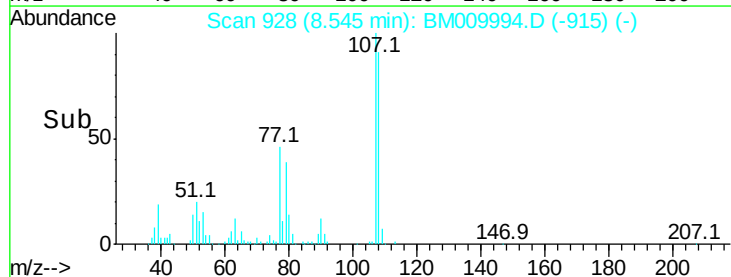
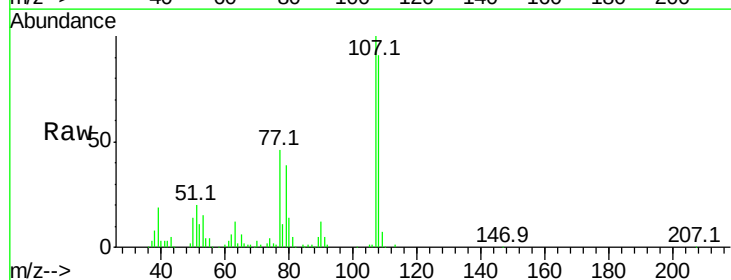
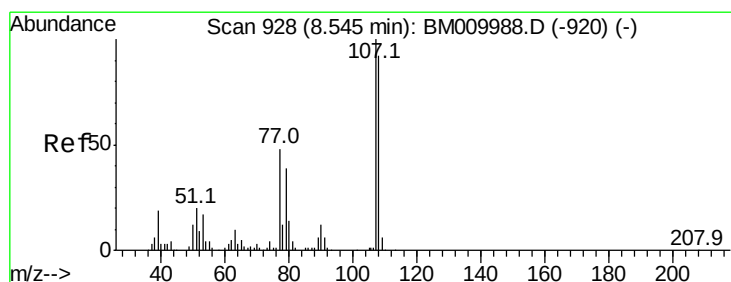
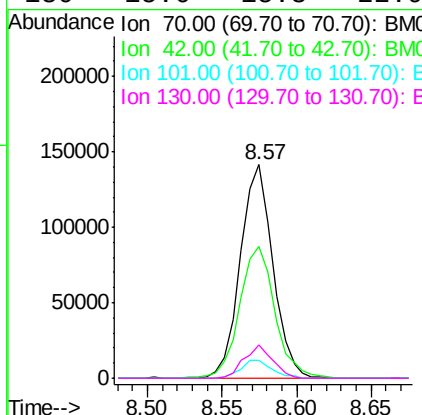
BNA_M

ClientSampleId :

PB98840BS

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#20

3+4-Methylphenols

Concen: 43.06 ng

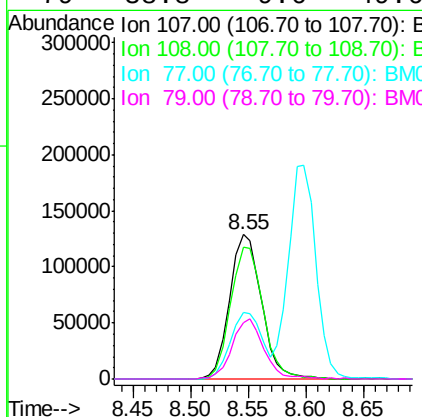
RT: 8.55 min Scan# 928

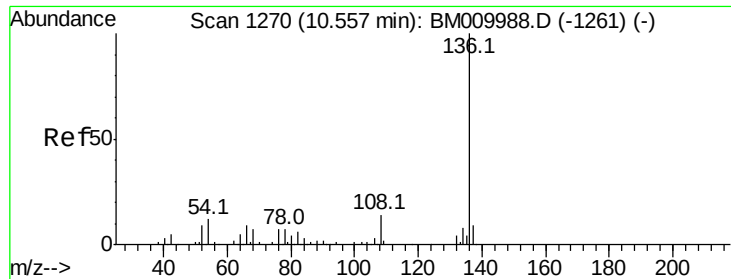
Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.0	73.2	113.2		
77	45.8	10.7	50.7		
79	38.8	9.6	49.6		





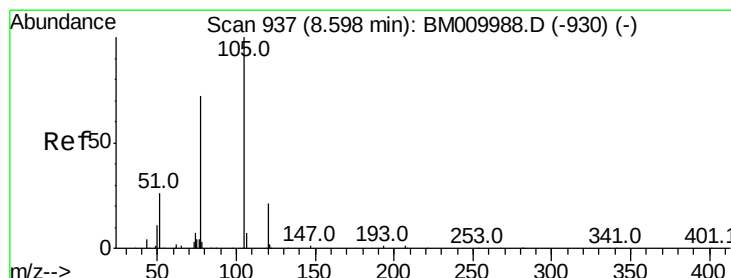
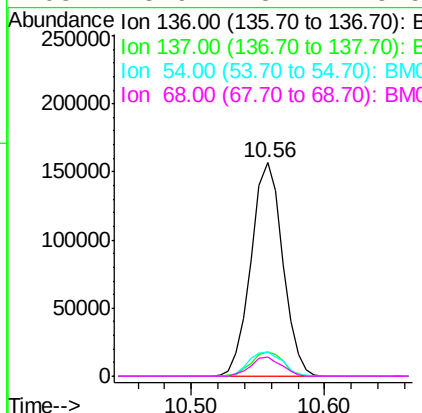
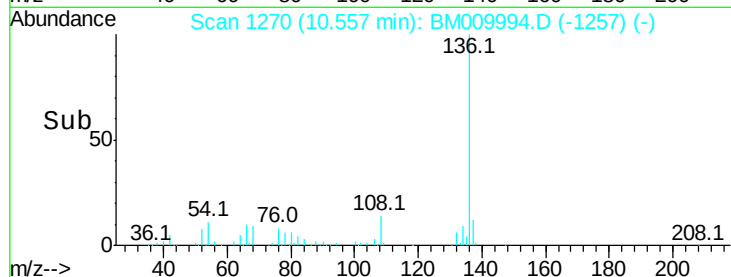
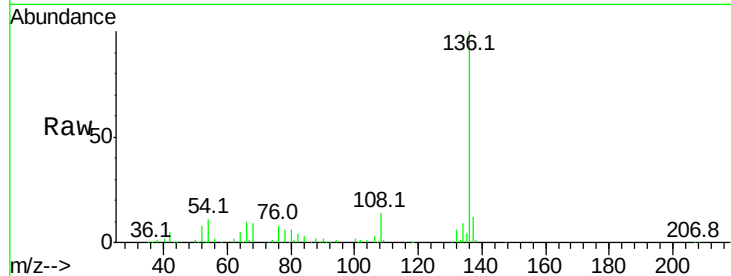
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Instrument :
BNA_M
ClientSampleId :
PB98840BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	256359		
137	11.6		8.7	13.1
54	11.4		4.6	6.8#
68	8.9		3.7	5.5#

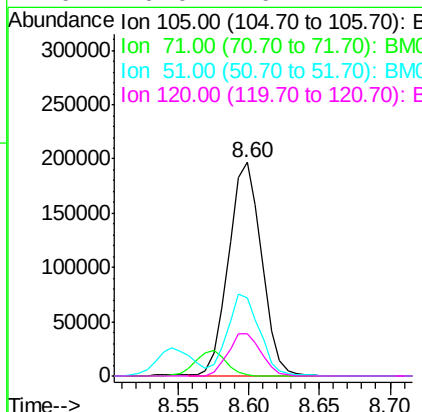
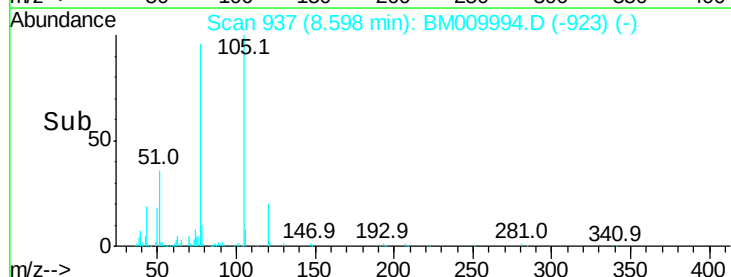
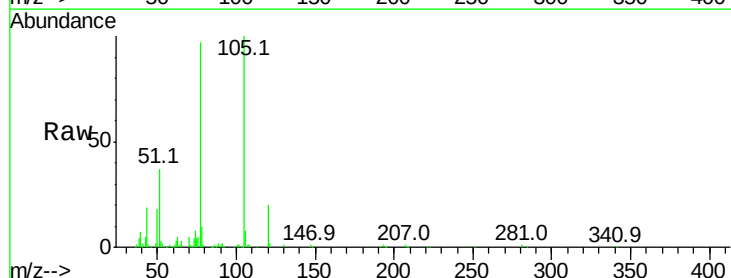
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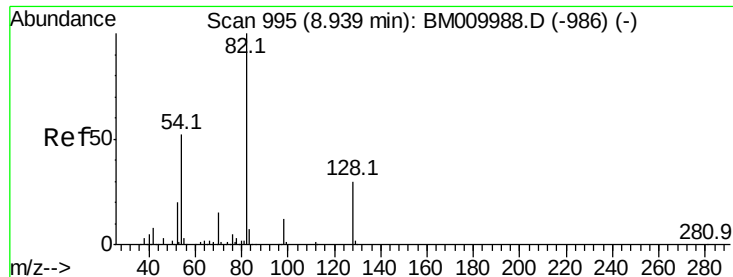
mohammad
5/12/2017 4:30:11 PM



#22
Acetophenone
Concen: 41.02 ng
RT: 8.60 min Scan# 937
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	321518		
71	0.7		0.6	1.0
51	36.6		21.6	32.4#
120	20.0		16.1	24.1





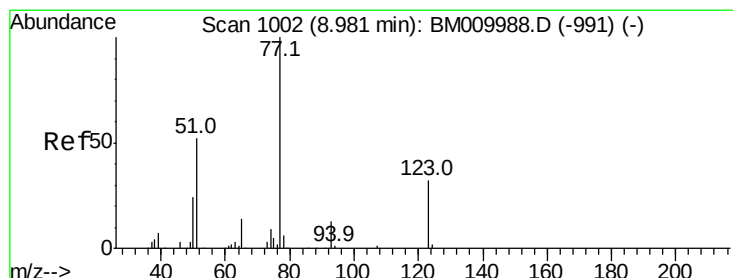
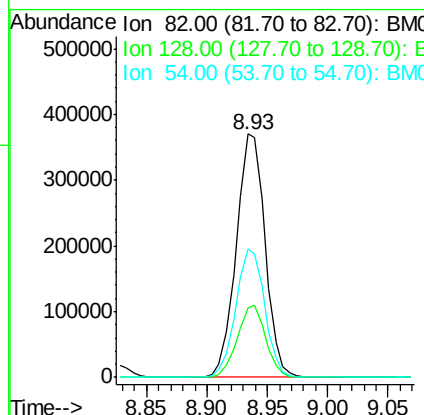
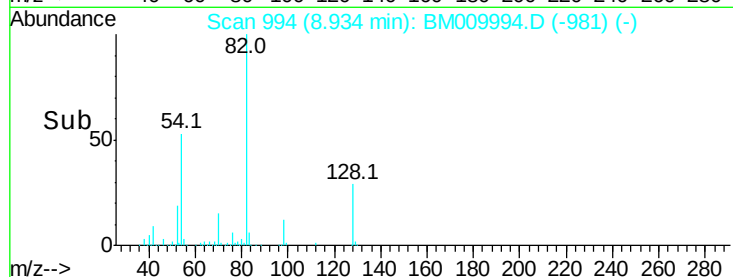
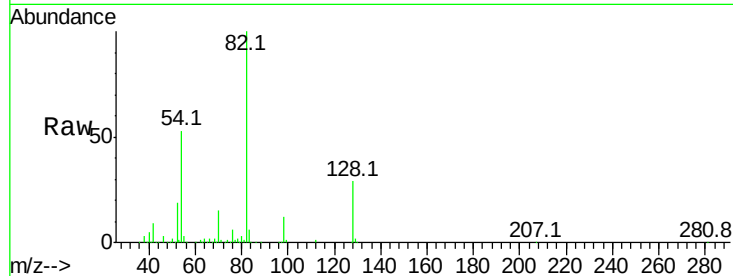
#23
 Nitrobenzene-d5
 Concen: 87.89 ng
 RT: 8.93 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Instrument :
 BNA_M
 ClientSampleID :
 PB98840BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	28.6	32.8	49.2#
54	52.8	40.6	60.8

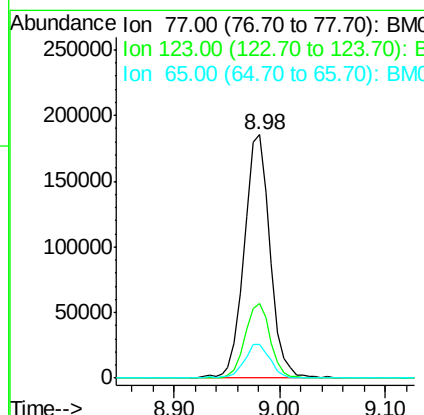
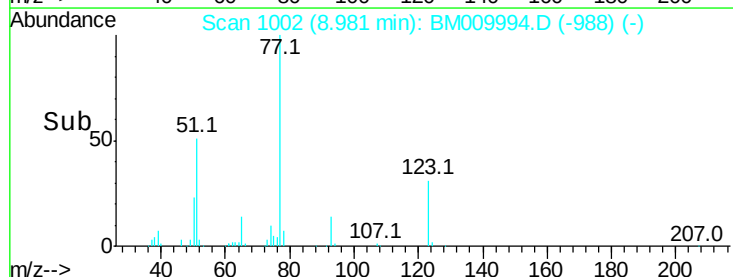
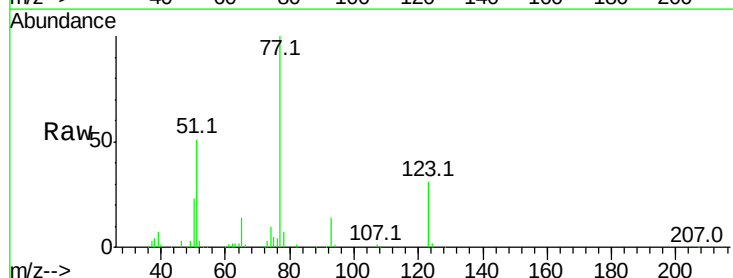
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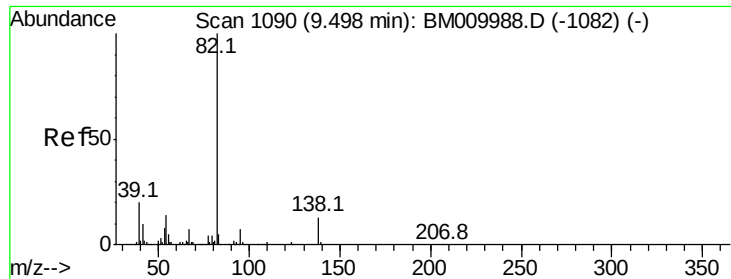
mohammad
 5/12/2017 4:30:11 PM



#24
 Nitrobenzene
 Concen: 42.15 ng
 RT: 8.98 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	30.7	32.6	49.0#
65	13.8	10.9	16.3





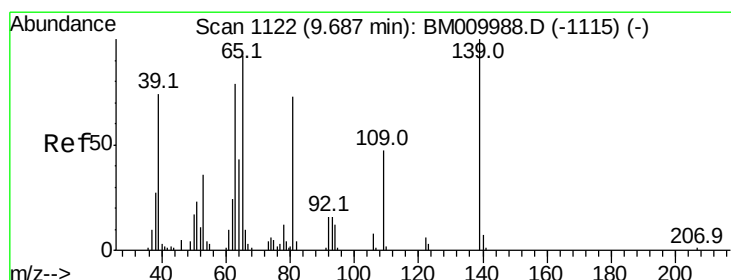
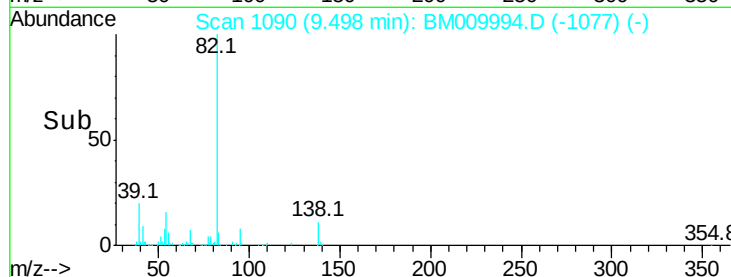
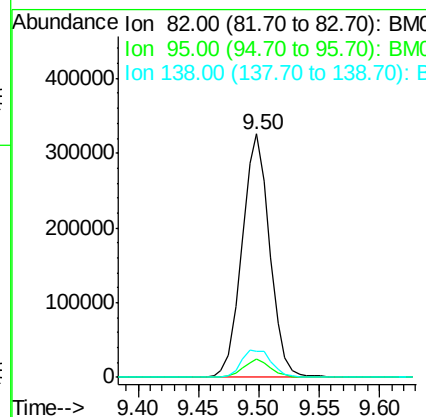
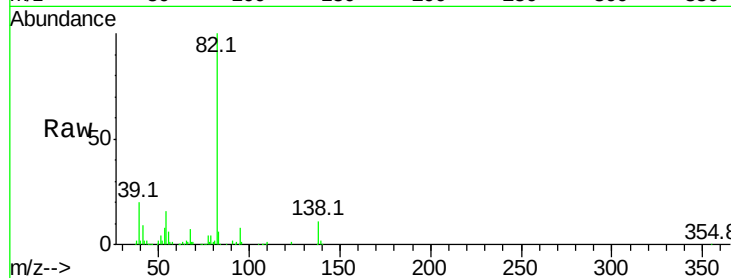
#25
Isophorone
Concen: 43.04 ng
RT: 9.50 min Scan# 1090
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Instrument :
BNA_M
ClientSampleId :
PB98840BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.7	5.8	8.6	
138	10.9	16.3	24.5#	

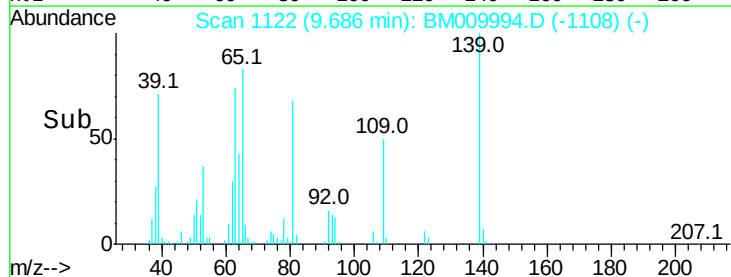
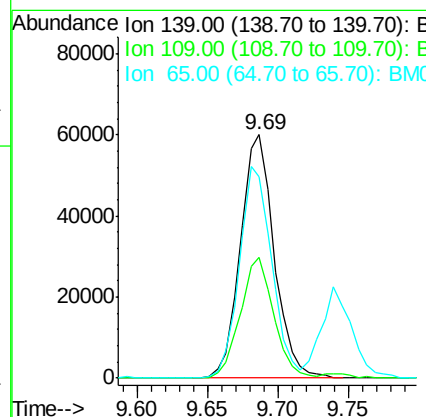
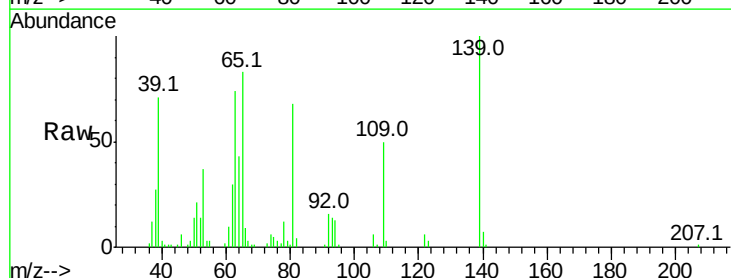
Manual Integrations
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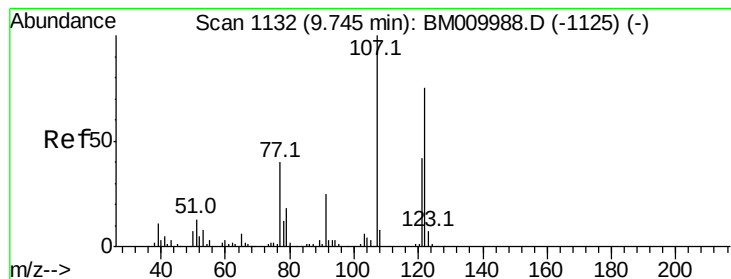
mohammad
5/12/2017 4:30:11 PM



#26
2-Nitrophenol
Concen: 44.54 ng
RT: 9.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	49.6	20.1	30.1#	
65	82.9	31.5	47.3#	





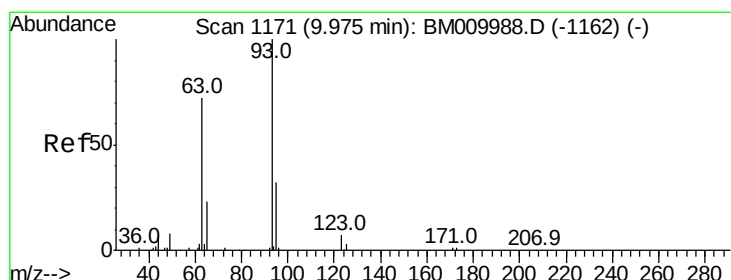
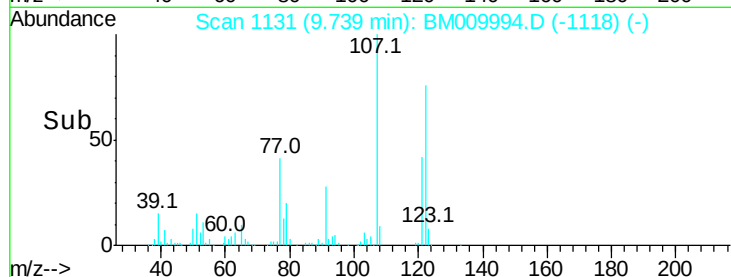
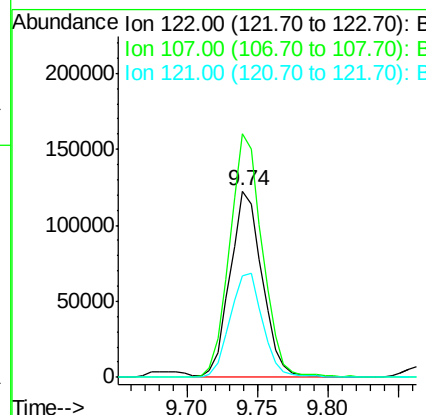
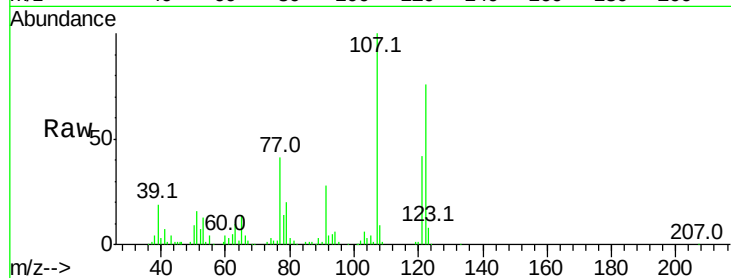
#27
2,4-Dimethylphenol
Concen: 45.99 ng
RT: 9.74 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Instrument :
BNA_M
ClientSampleId :
PB98840BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	193495		
107	130.8	84.7	127.1#	
121	54.6	46.6	69.8	

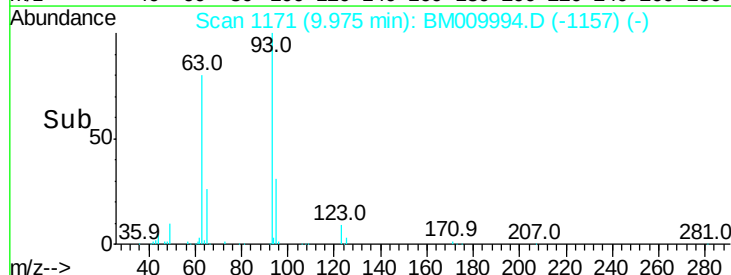
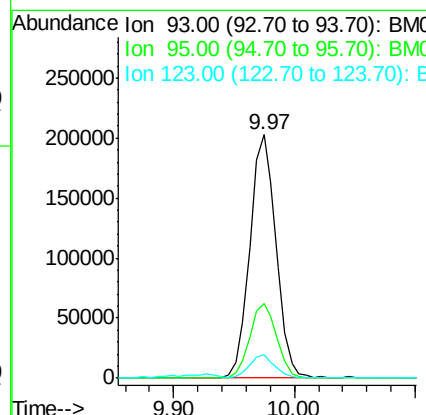
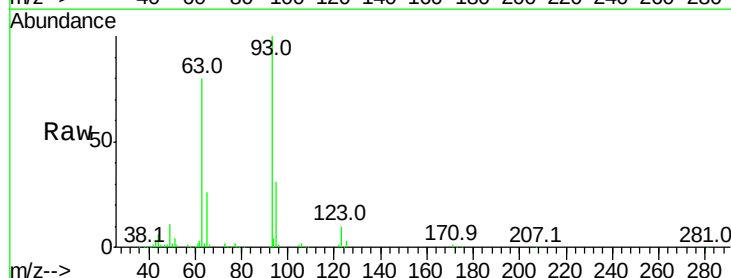
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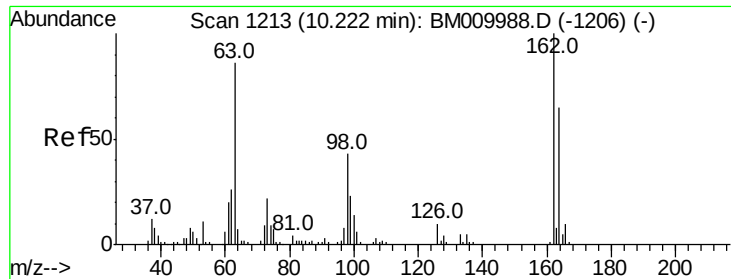
mohammad
5/12/2017 4:30:11 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.37 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	308172		
95	30.7	25.5	38.3	
123	9.9	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 46.12 ng

RT: 10.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Instrument :

BNA_M

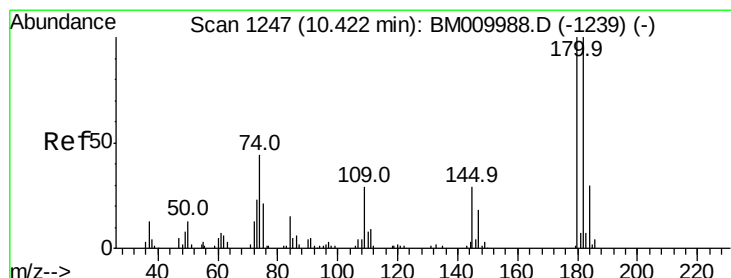
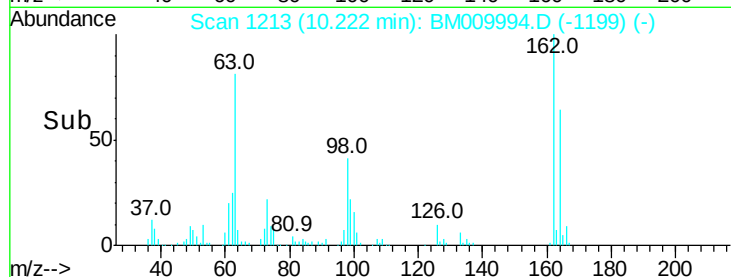
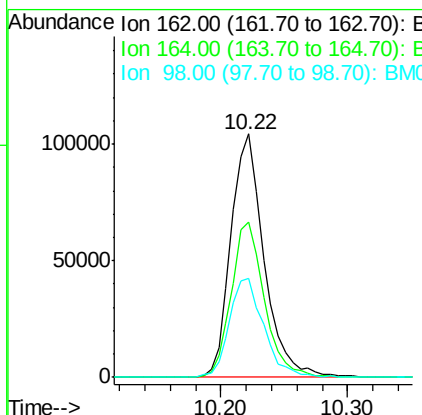
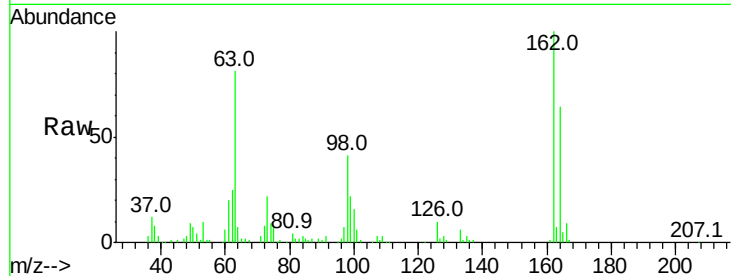
ClientSampled :

PB98840BS

Tot Ion:	162	Resp:	188827
Ion Ratio	Lower	Upper	
162	100		
164	63.6	42.8	82.8
98	40.6	14.5	54.5

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#30

1,2,4-Trichlorobenzene

Concen: 40.93 ng

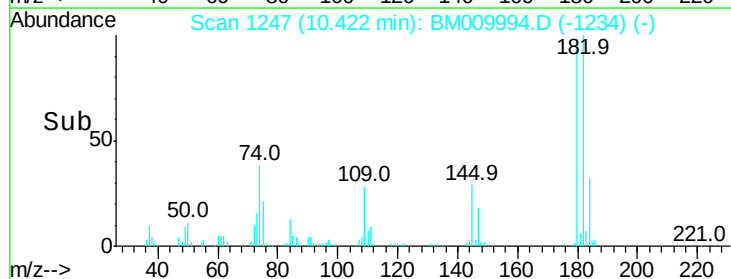
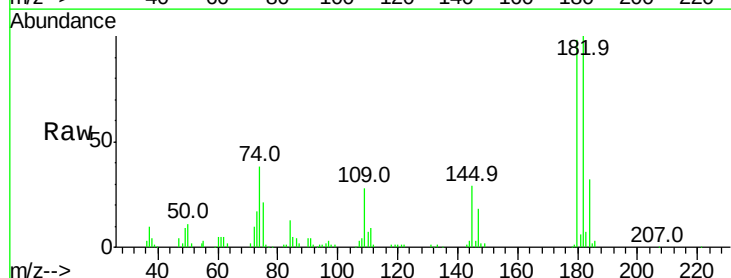
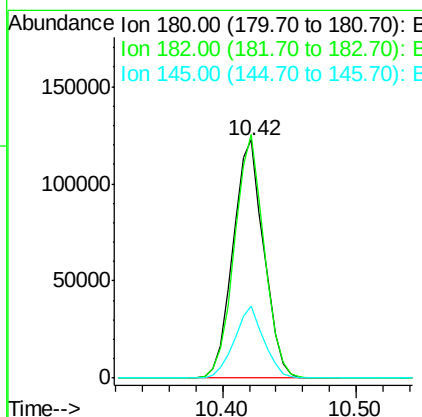
RT: 10.42 min Scan# 1247

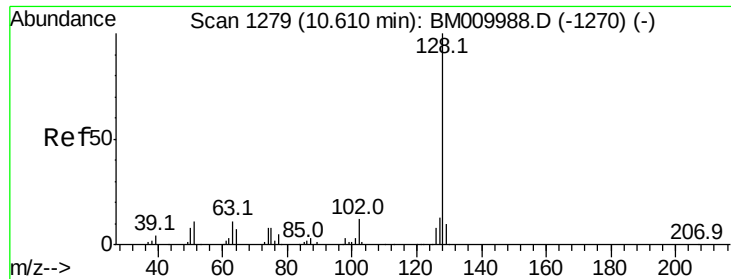
Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Tgt Ion:	180	Resp:	195640
Ion Ratio	Lower	Upper	
180	100		
182	102.3	77.6	116.4
145	30.2	23.4	35.2





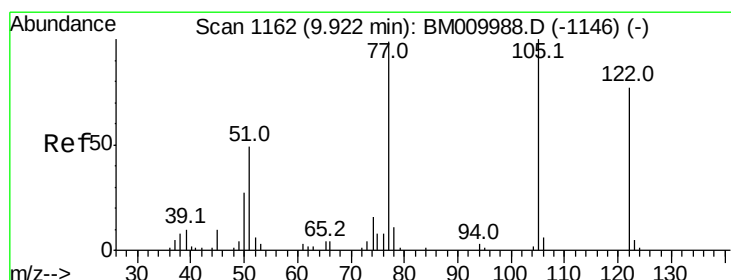
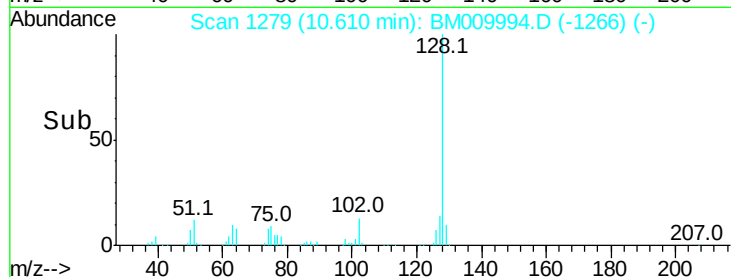
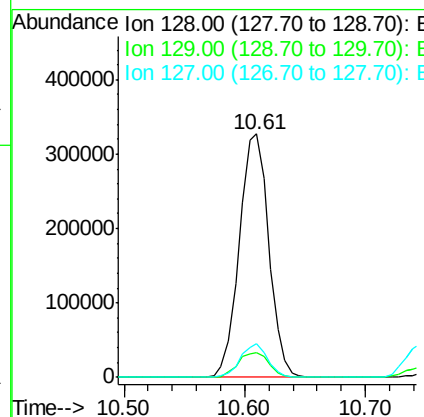
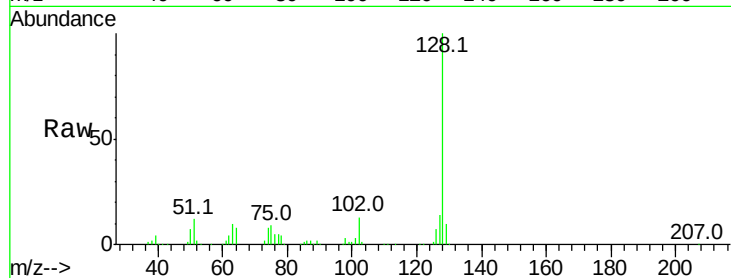
#31
Naphthalene
Concen: 39.65 ng
RT: 10.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Instrument :
BNA_M
ClientSampleId :
PB98840BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.3	8.9	13.3	
127	13.7	10.4	15.6	

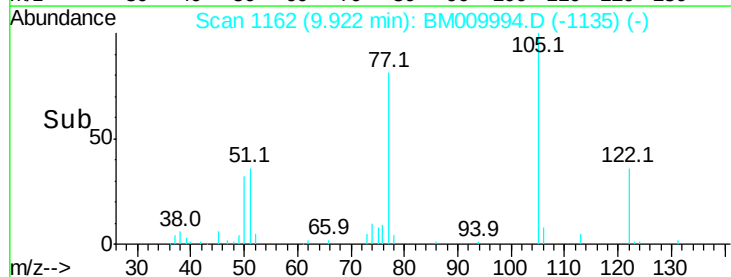
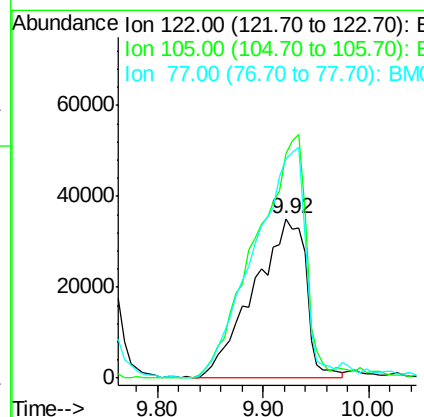
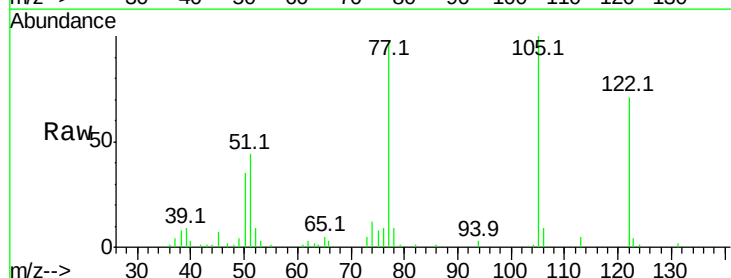
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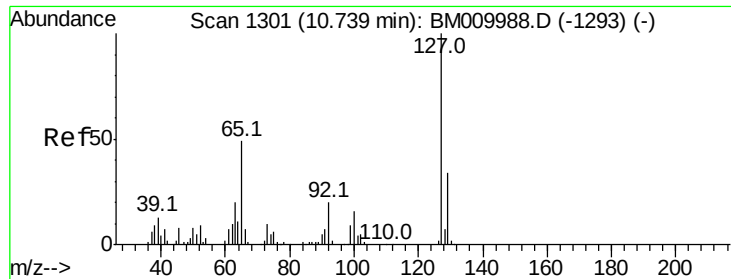
mohammad
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#32
Benzoic acid
Concen: 42.78 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.04 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	140.7	99.9	139.9#	
77	137.3	73.7	113.7#	





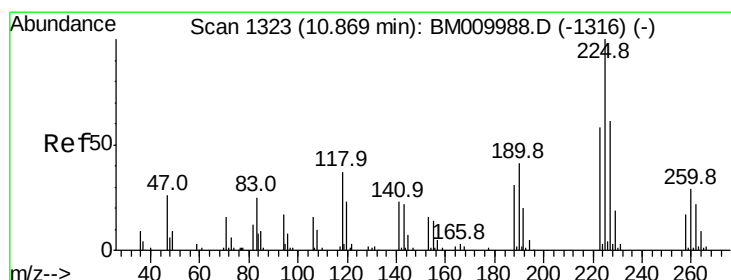
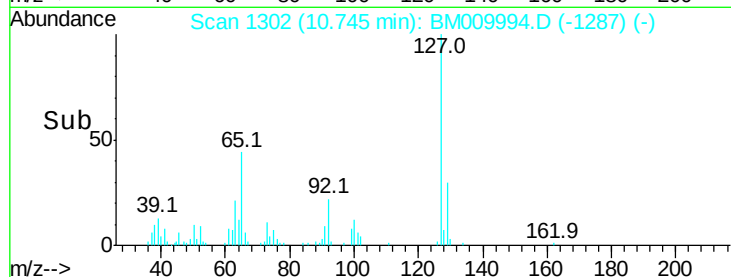
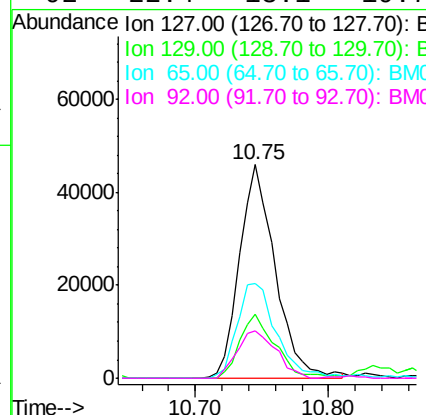
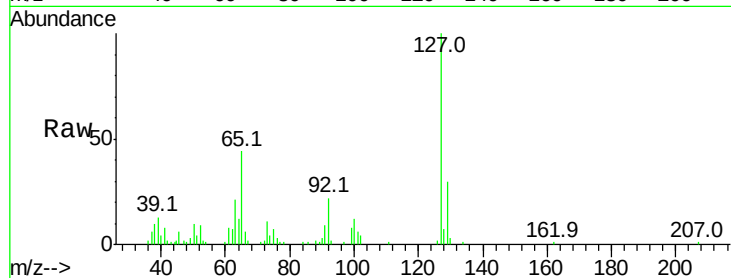
#33
4-Chloroaniline
Concen: 14.23 ng
RT: 10.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Instrument :
BNA_M
ClientSampleId :
PB98840BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.1	25.3	37.9
65	44.4	17.6	26.4
92	22.4	13.1	19.7

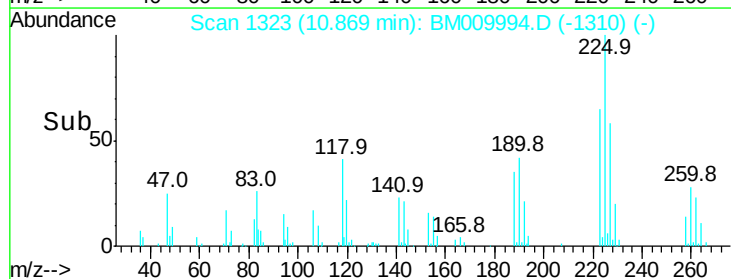
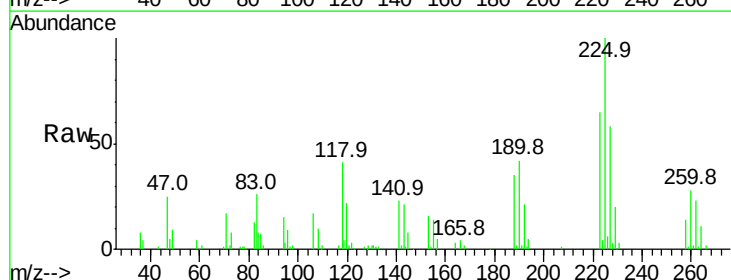
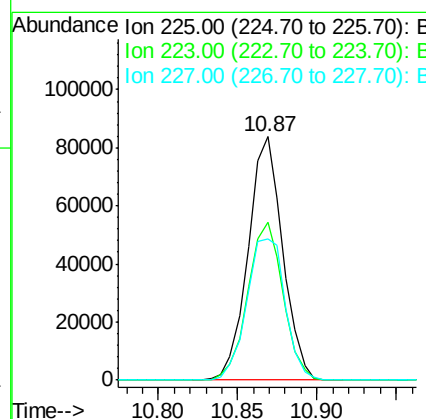
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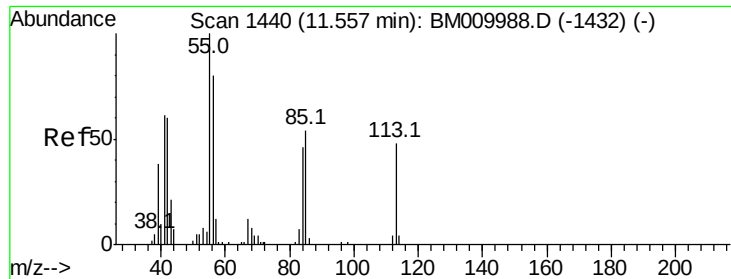
mohammad
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#34
Hexachlorobutadiene
Concen: 38.90 ng
RT: 10.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	47.9	71.9
227	58.1	50.1	75.1





#35

Caprolactam

Concen: 40.66 ng/ml

RT: 11.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Instrument :

BNA_M

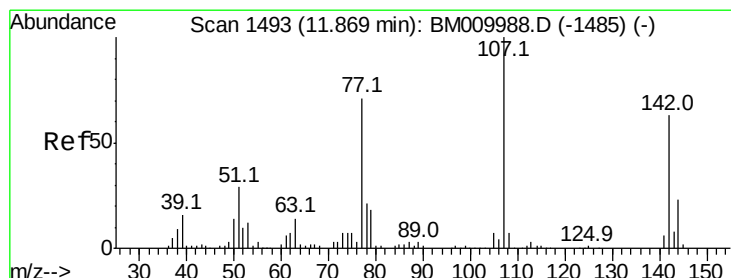
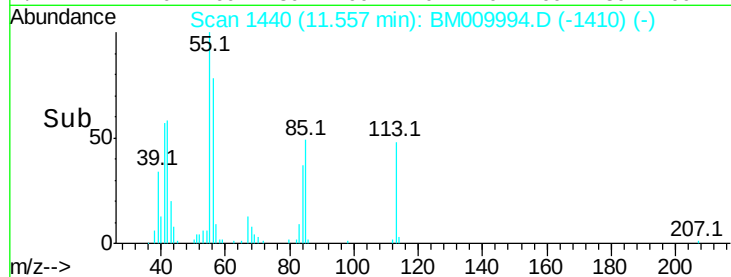
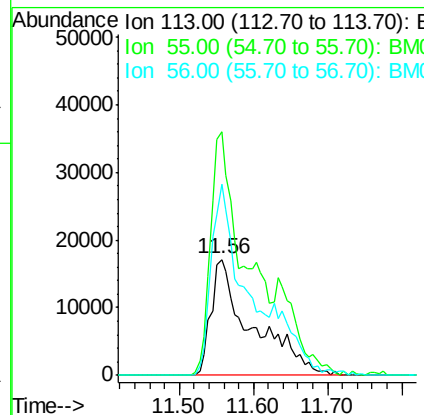
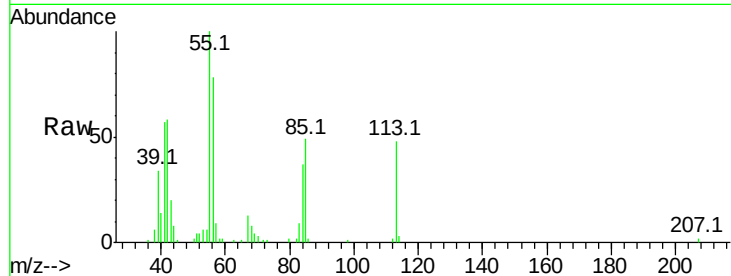
ClientSampled :

PB98840BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	210.1	145.9	185.9#
56	164.8	101.0	141.0#

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#36

4-Chloro-3-methylphenol

Concen: 42.93 ng/ml

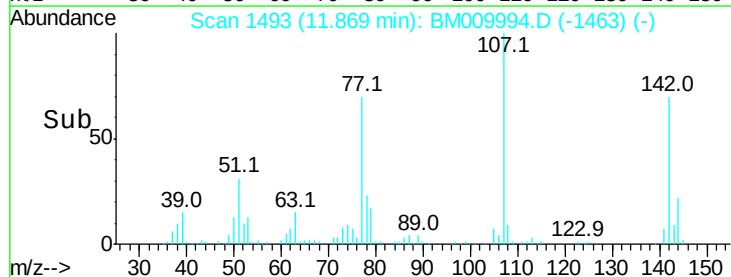
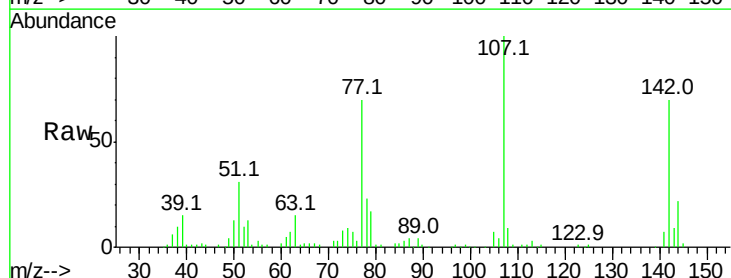
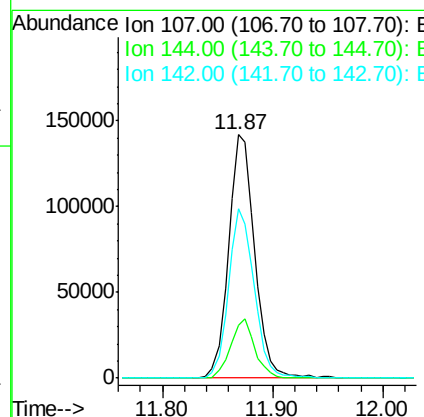
RT: 11.87 min Scan# 1493

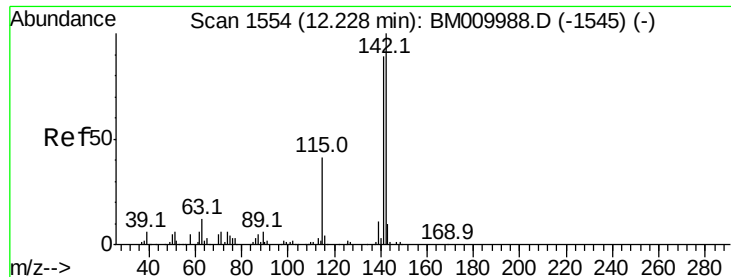
Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.9	23.3	34.9#
142	69.5	72.6	109.0#





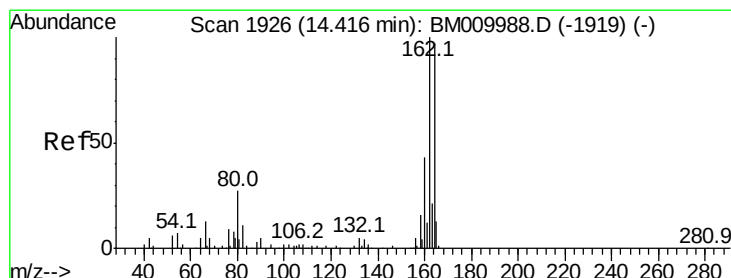
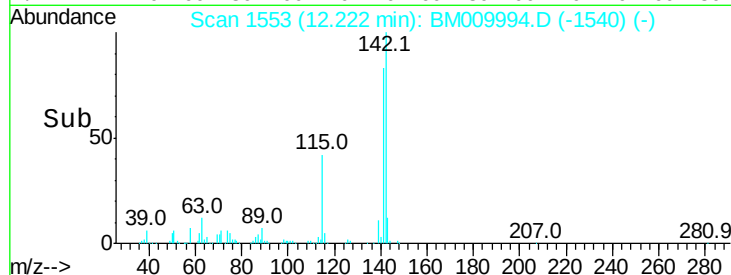
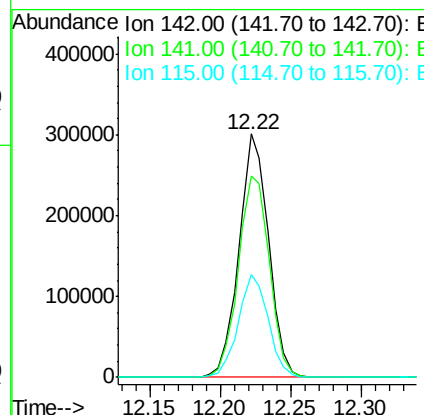
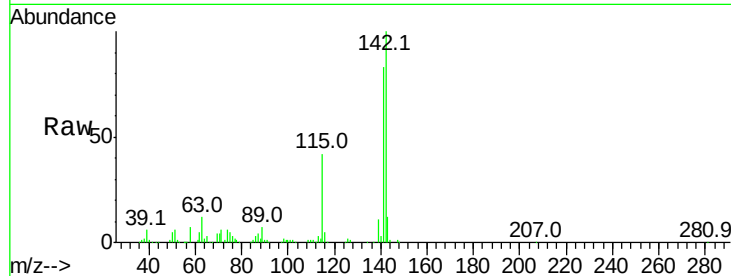
#37
2-Methylnaphthalene
Concen: 43.53 ng
RT: 12.22 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Instrument :
BNA_M
ClientSampleId :
PB98840BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	439726		
141	82.8	71.9	107.9	
115	42.3	25.4	38.0	

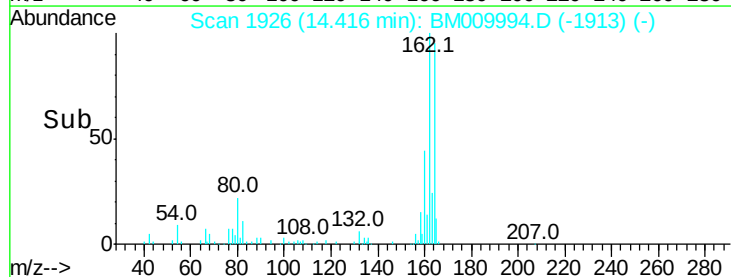
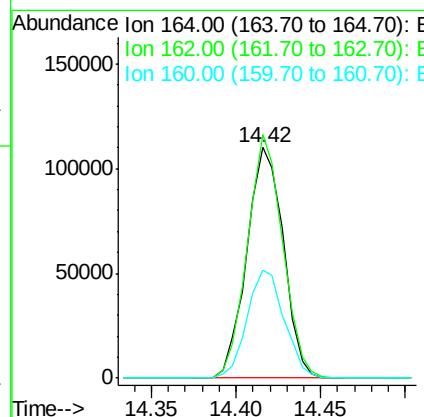
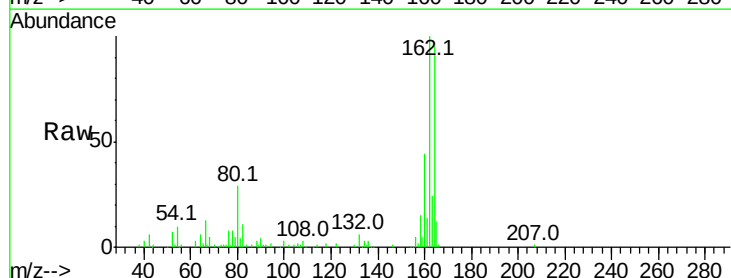
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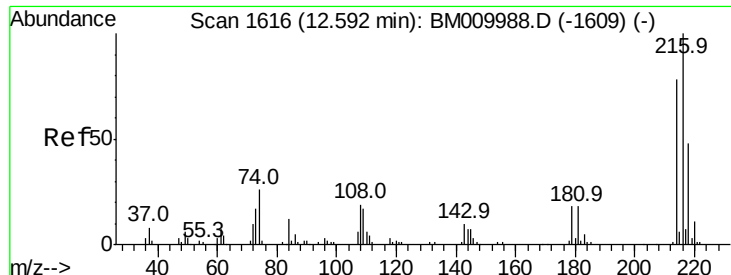
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	166303		
162	105.5	82.4	123.6	
160	46.5	35.8	53.6	





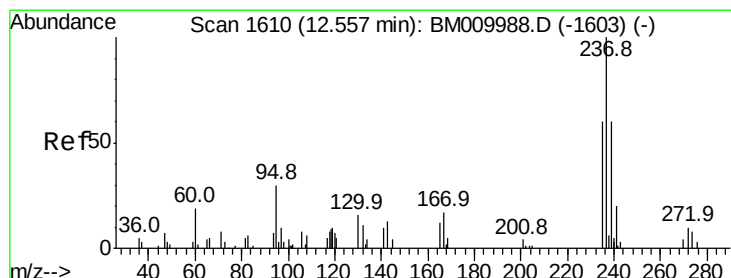
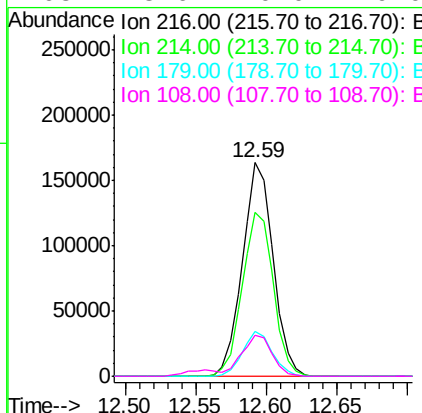
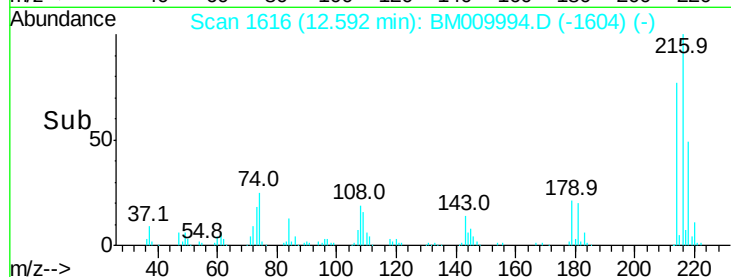
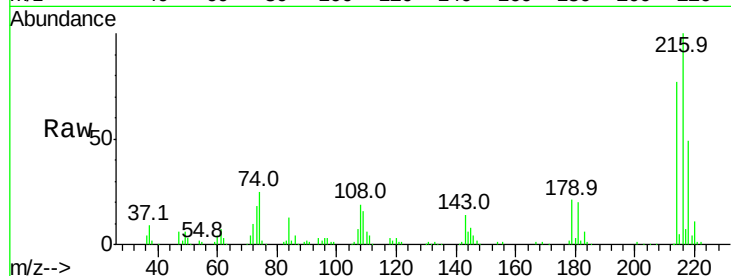
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.16 ng
 RT: 12.59 min Scan# 1616
 Delta R.T. -0.03 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Instrument :
 BNA_M
 ClientSampleId :
 PB98840BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	249136		
214	77.5	0.0	0.0	0.0
179	20.3	0.0	0.0	0.0
108	18.6	0.0	0.0	0.0

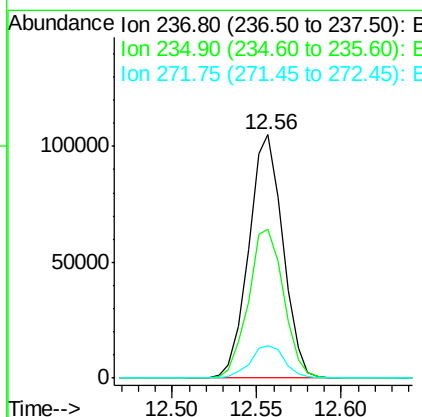
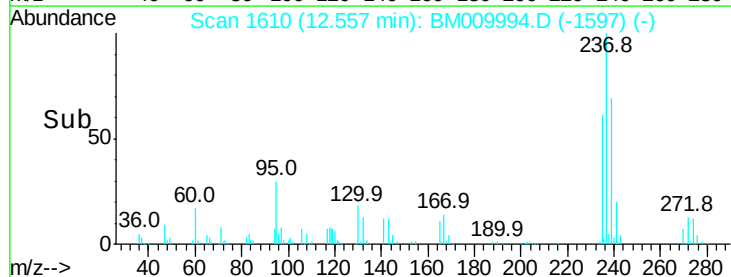
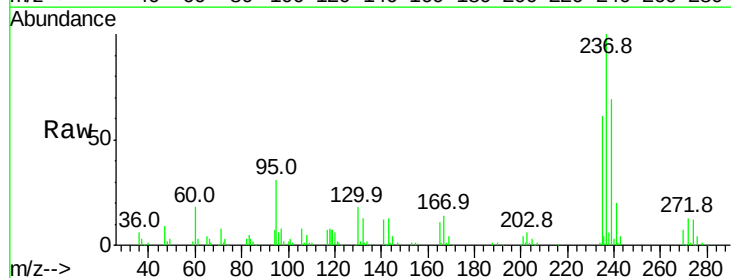
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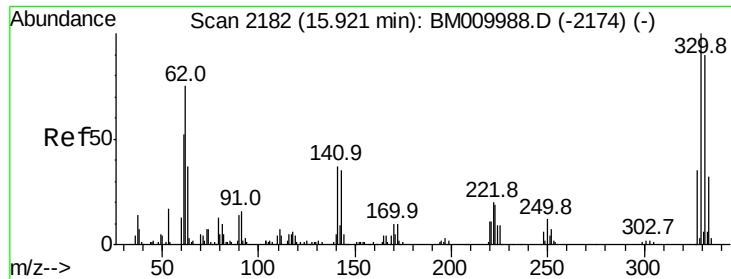
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#40
 Hexachlorocyclopentadiene
 Concen: 89.06 ng
 RT: 12.56 min Scan# 1610
 Delta R.T. -0.02 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	147590		
235	61.0	42.0	82.0	
272	13.2	0.0	33.4	





#41

2,4,6-Tribromophenol

Concen: 145.47 ng

RT: 15.92 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Instrument :

BNA_M

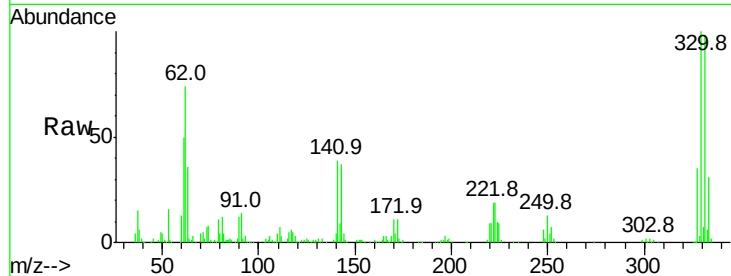
ClientSampleId :

PB98840BS

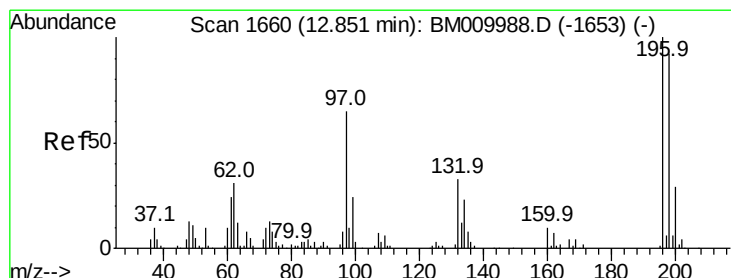
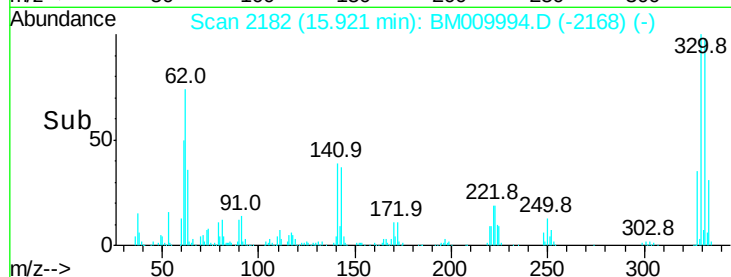
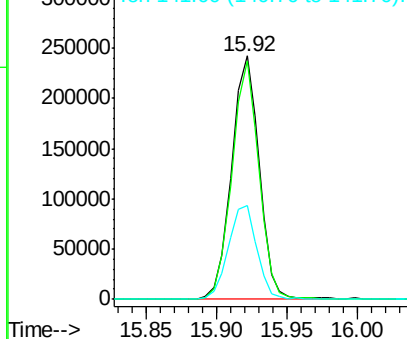
Tot Ion:	330	Resp:	331098
Ion Ratio	Lower	Upper	
330	100		
332	95.6	0.0	0.0#
141	40.0	0.0	0.0#

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



#42

2,4,6-Trichlorophenol

Concen: 44.76 ng

RT: 12.85 min Scan# 1660

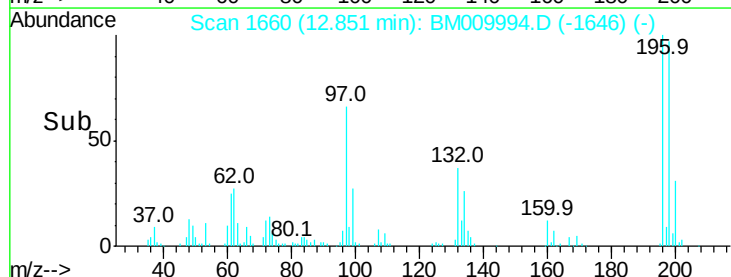
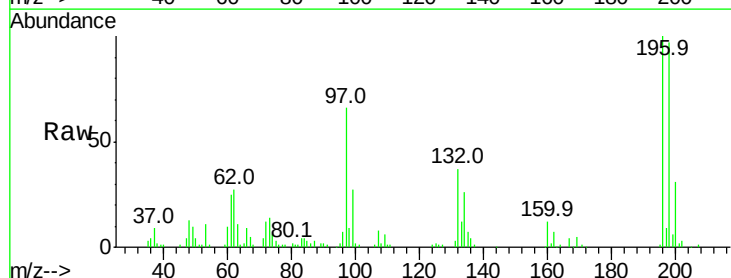
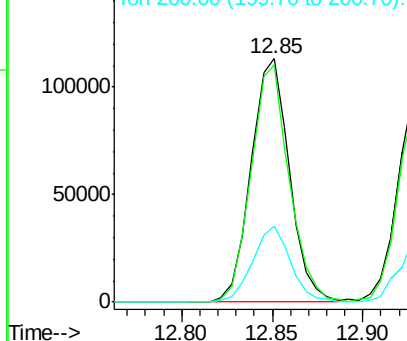
Delta R.T. -0.02 min

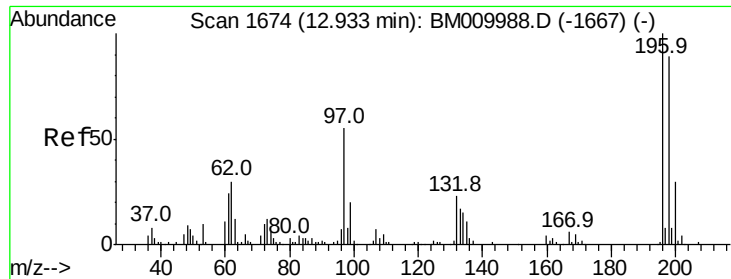
Lab File: BM009994.D

Acq: 11 May 2017 20:54

Tgt Ion:	196	Resp:	166782
Ion Ratio	Lower	Upper	
196	100		
198	97.2	76.3	114.5
200	31.3	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





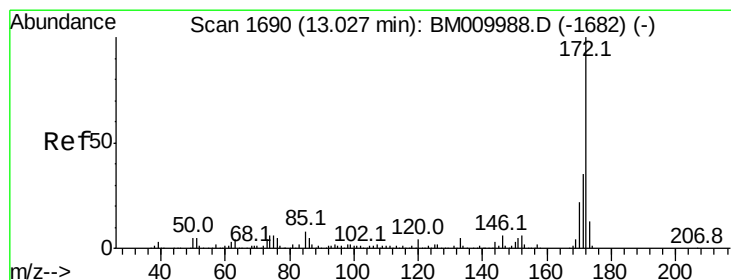
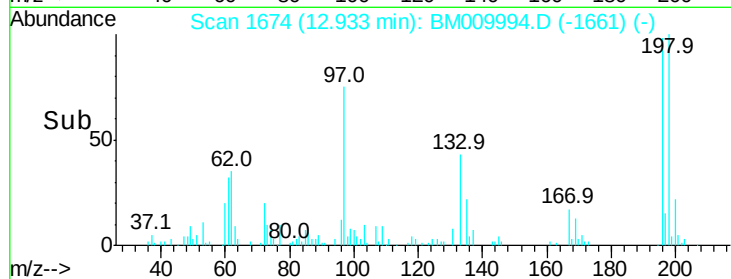
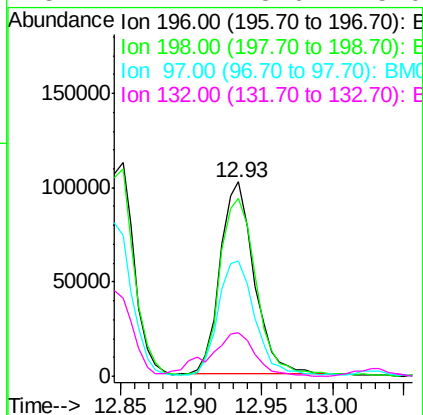
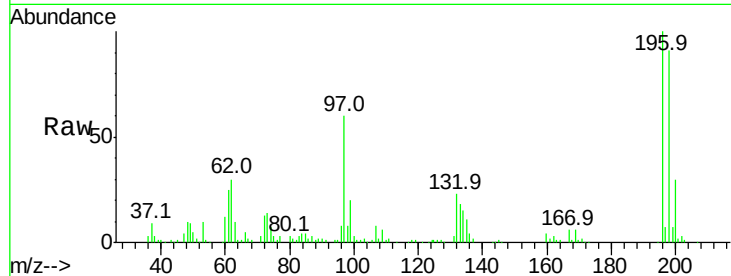
#43
 2,4,5-Trichlorophenol
 Concen: 42.56 ng
 RT: 12.93 min Scan# 1674
 Delta R.T. -0.02 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Instrument :
 BNA_M
 ClientSampleId :
 PB98840BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	172293		
198	91.4	79.4	119.0	
97	59.6	26.8	40.2	
132	22.7	18.6	28.0	

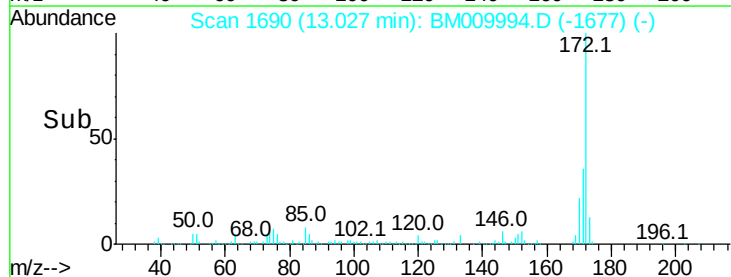
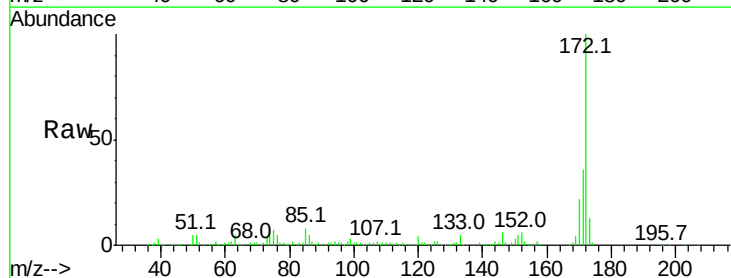
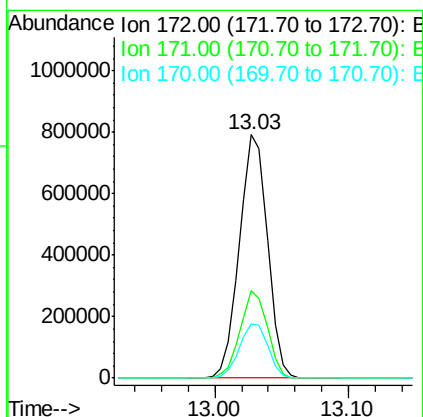
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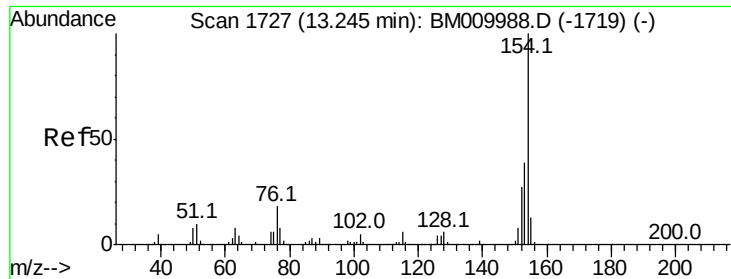
mohammad
 5/12/2017 4:30:11 PM



#44
 2-Fluorobiphenyl
 Concen: 92.71 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. -0.02 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1152933		
171	36.1	28.5	42.7	
170	22.5	18.8	28.2	





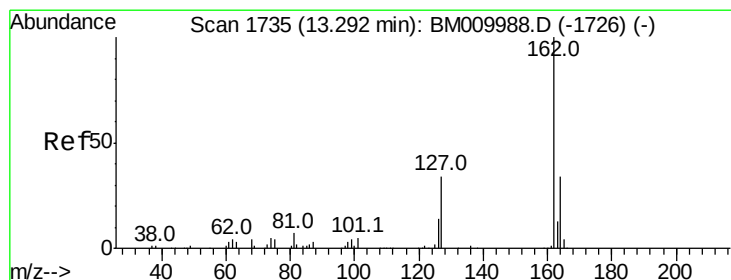
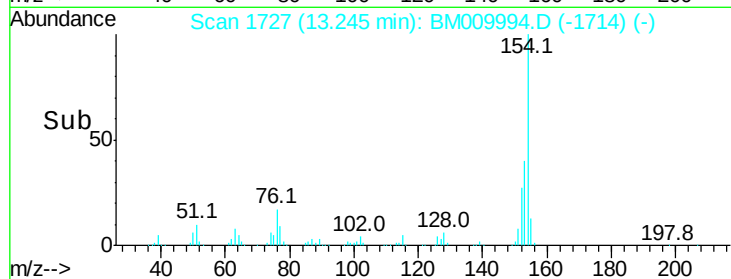
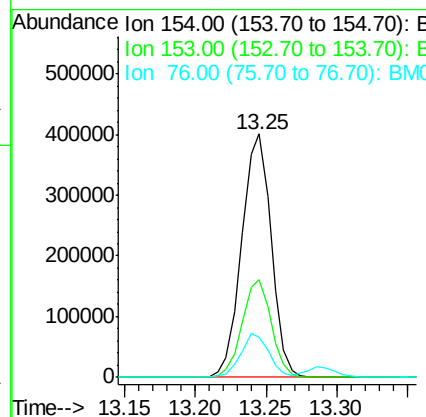
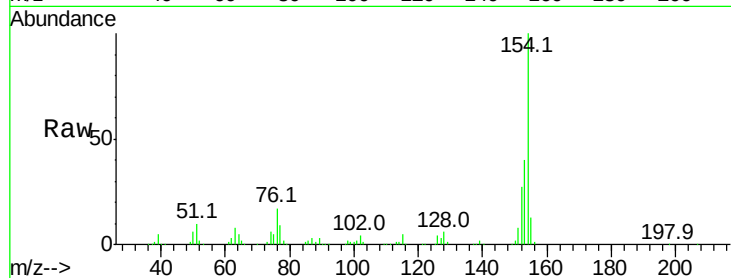
#45
 1,1'-Biphenyl
 Concen: 42.24 ng
 RT: 13.25 min Scan# 1727
 Delta R.T. -0.02 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Instrument :
 BNA_M
 ClientSampleId :
 PB98840BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.0	20.7	60.7	
76	16.6	0.0	30.9	

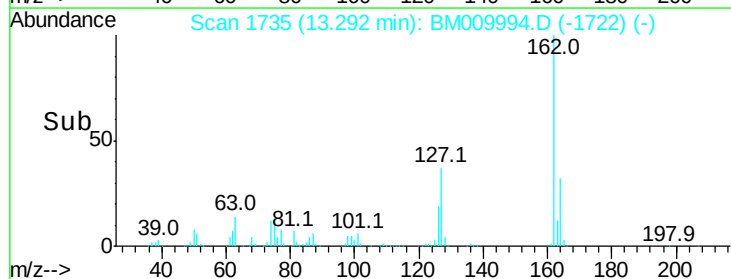
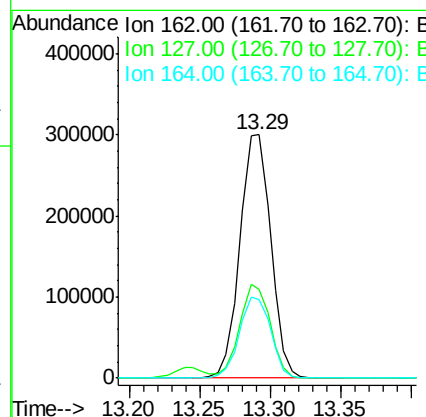
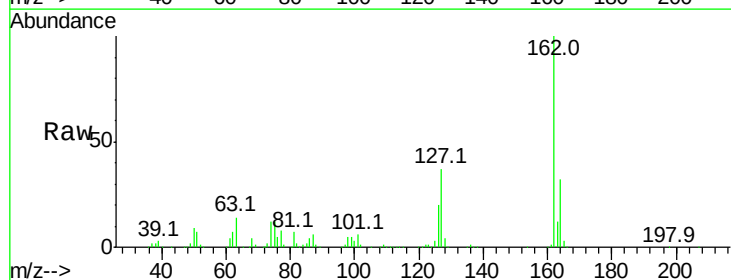
Manual Integrations
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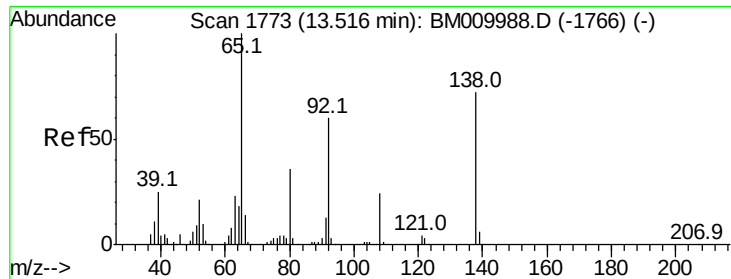
mohammad
 5/12/2017 4:30:11 PM



#46
 2-Chloronaphthalene
 Concen: 42.24 ng
 RT: 13.29 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.7	26.9	40.3	
164	32.3	26.8	40.2	





#47

2-Nitroaniline

Concen: 42.95 ng

RT: 13.52 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Instrument :

BNA_M

ClientSampleId :

PB98840BS

Tot Ion: 65 Resp: 211477

Ion Ratio Lower Upper

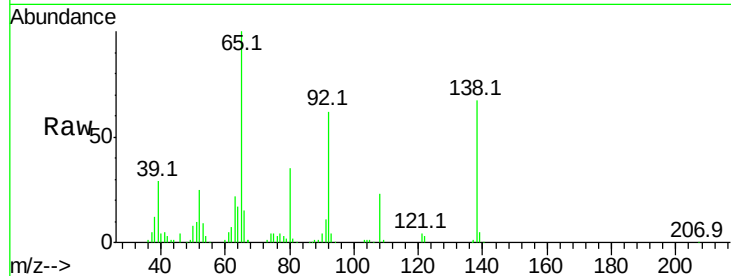
65 100

92 62.5 59.1 88.7

138 66.9 93.9 140.9#

Manual Integrations
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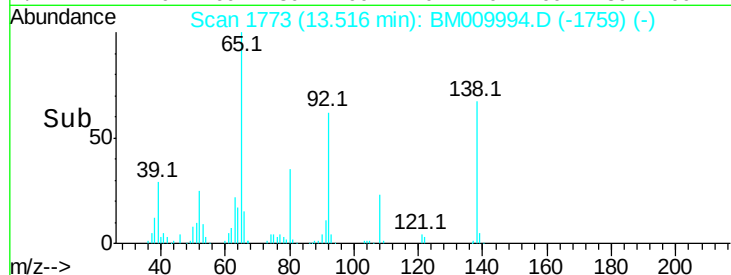


Abundance Ion 65.00 (64.70 to 65.70): BM009988.D (-1766) (-)

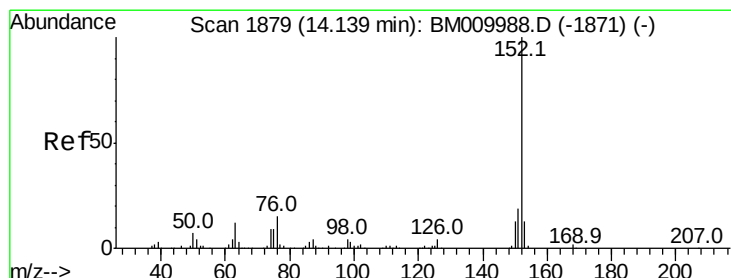
Ion 92.00 (91.70 to 92.70): BM009988.D (-1766) (-)

Ion 138.00 (137.70 to 138.70): BM009988.D (-1766) (-)

Time-->



Time-->



#48

Acenaphthylene

Concen: 44.38 ng

RT: 14.14 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

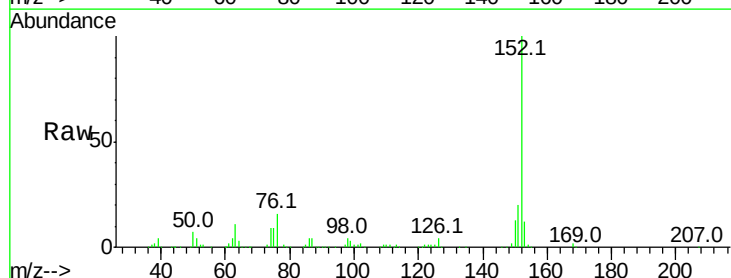
Tgt Ion: 152 Resp: 760112

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 12.2 10.6 16.0

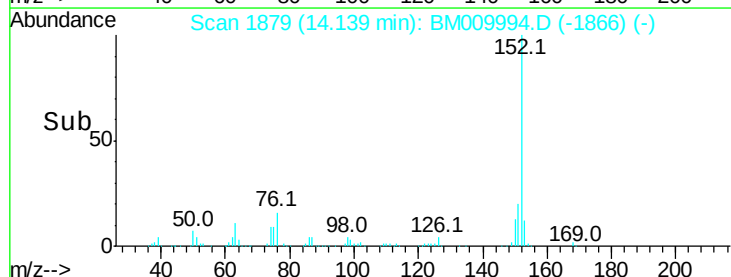


Abundance Ion 152.00 (151.70 to 152.70): BM009988.D (-1871) (-)

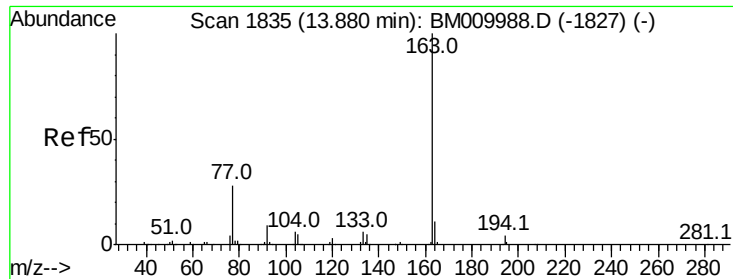
Ion 151.00 (150.70 to 151.70): BM009988.D (-1871) (-)

Ion 153.00 (152.70 to 153.70): BM009988.D (-1871) (-)

Time-->



Time-->



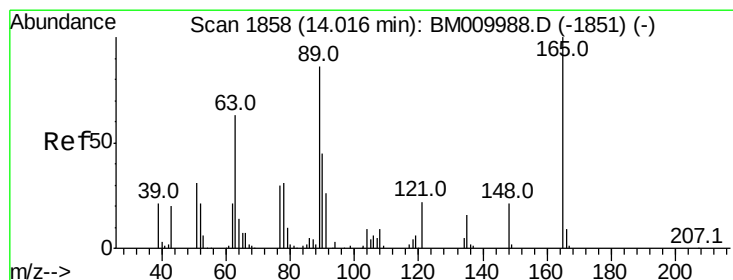
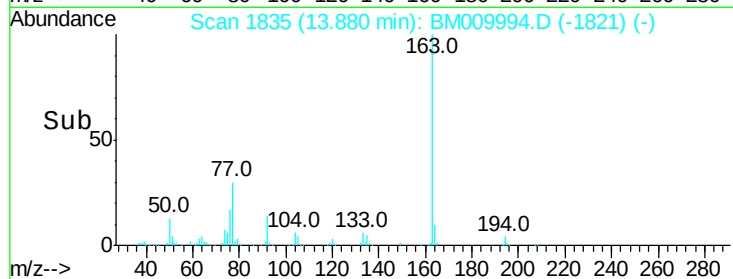
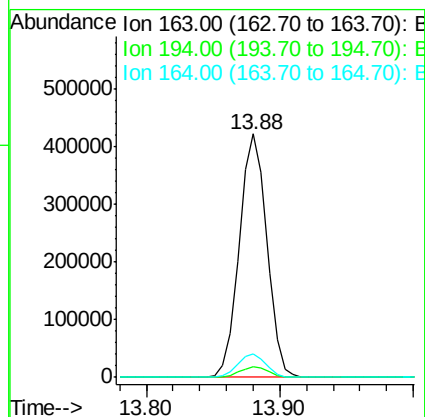
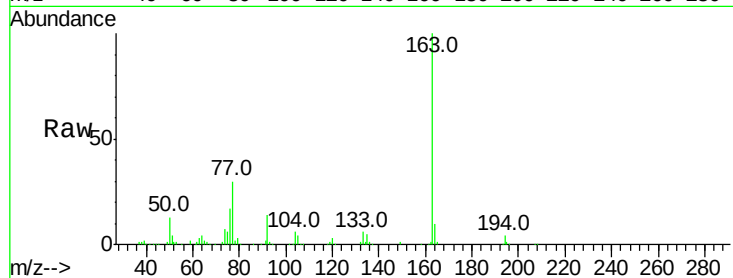
#49
Dimethylphthalate
Concen: 41.04 ng
RT: 13.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Instrument :
BNA_M
ClientSampled :
PB98840BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	601548		
194	4.5	2.7	4.1#	
164	9.8	8.2	12.2	

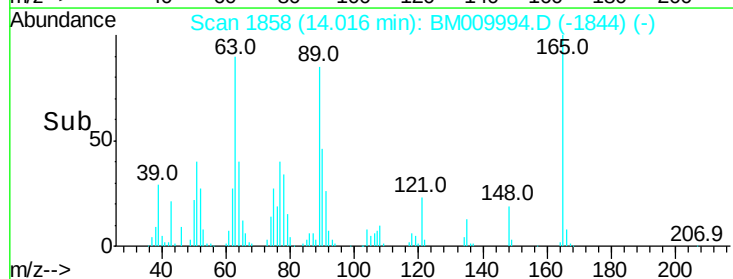
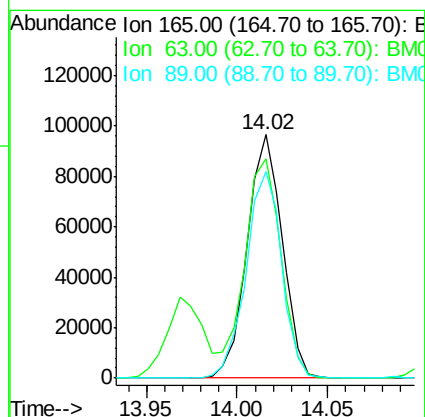
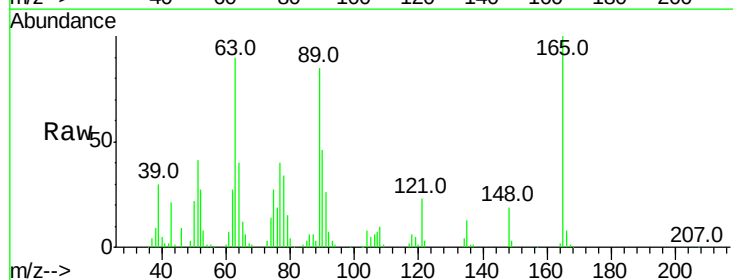
Manual Integrations
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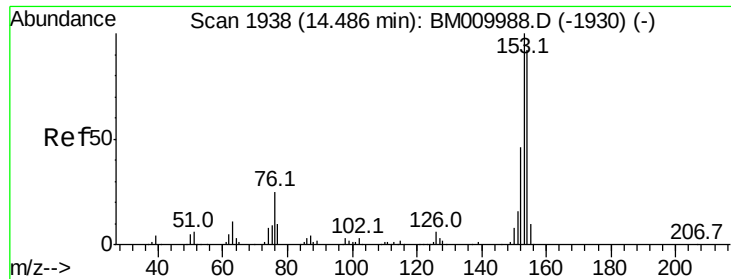
mohammad
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#50
2,6-Dinitrotoluene
Concen: 43.80 ng
RT: 14.02 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	130118		
63	90.1	44.1	66.1#	
89	85.1	44.3	66.5#	





#51

Acenaphthene

Concen: 42.98 ng

RT: 14.48 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Instrument :

BNA_M

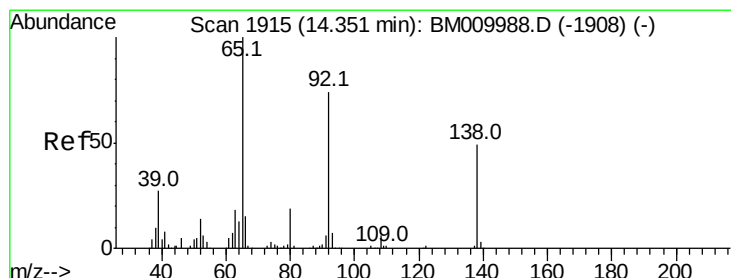
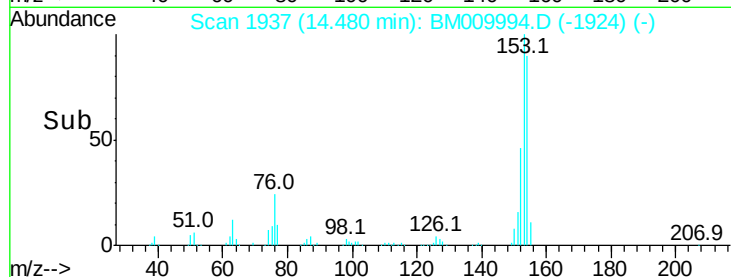
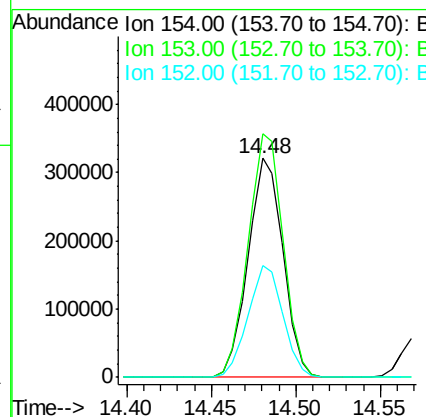
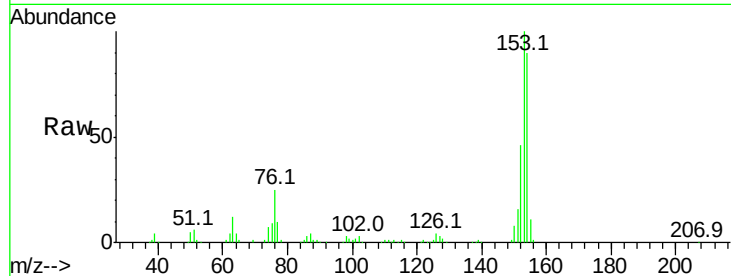
ClientSampleId :

PB98840BS

Tot Ion:	154	Resp:	463863
Ion Ratio	Lower	Upper	
154	100		
153	111.3	90.0	135.0
152	50.9	42.6	63.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 25.94 ng

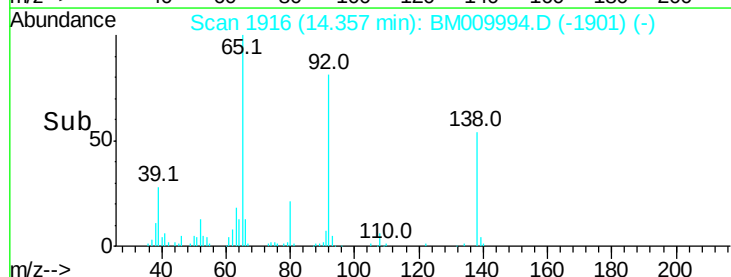
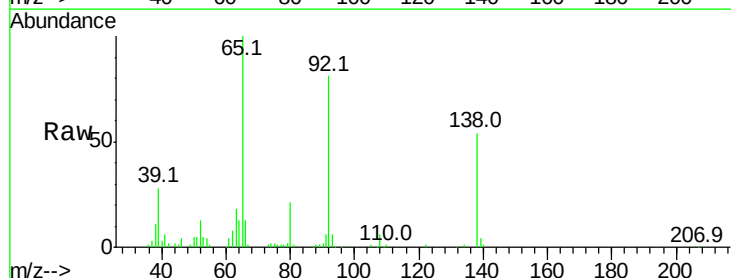
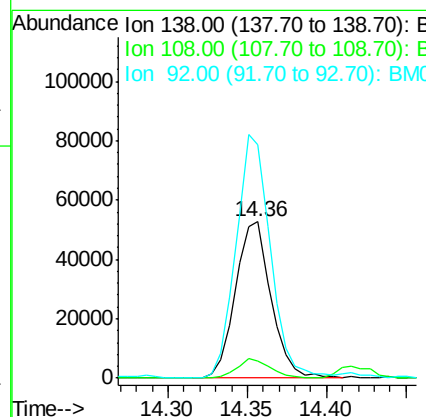
RT: 14.36 min Scan# 1916

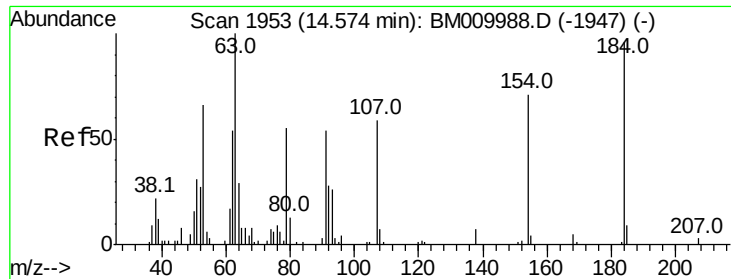
Delta R.T. -0.01 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Tgt Ion:	138	Resp:	81837
Ion Ratio	Lower	Upper	
138	100		
108	10.6	7.3	10.9
92	149.9	76.6	114.8#





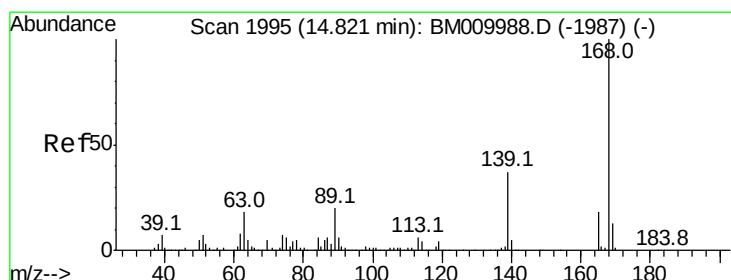
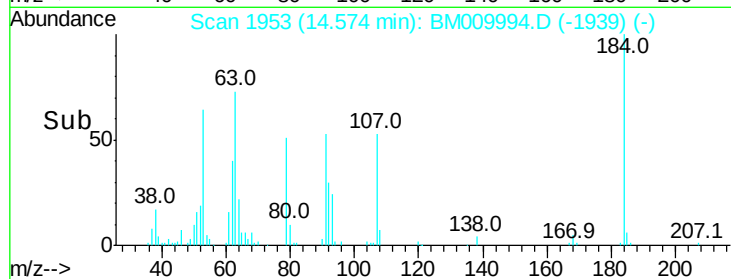
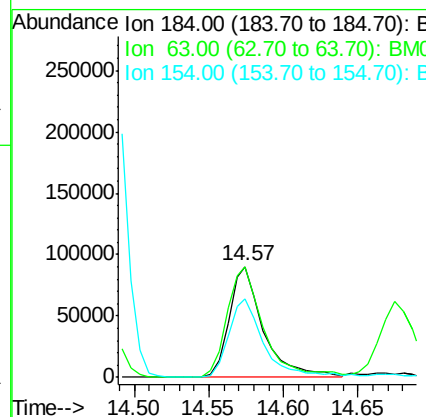
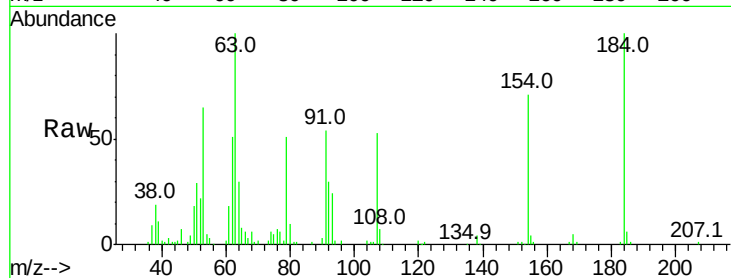
#53
2,4-Dinitrophenol
Concen: 81.37 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Instrument :
BNA_M
ClientSampled :
PB98840BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	99.6	69.2	103.8
154	71.4	53.3	79.9

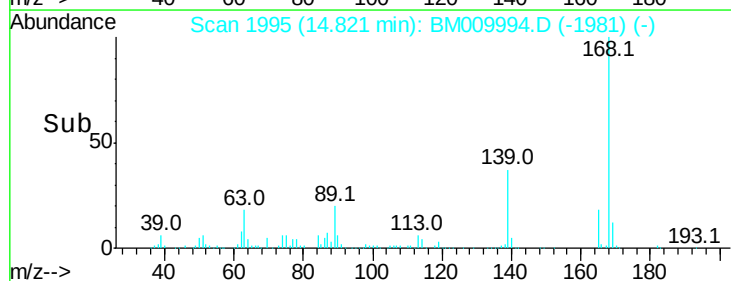
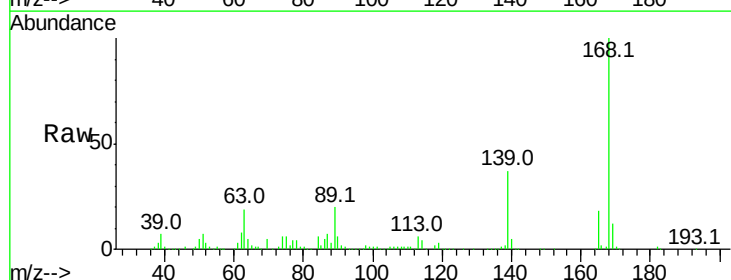
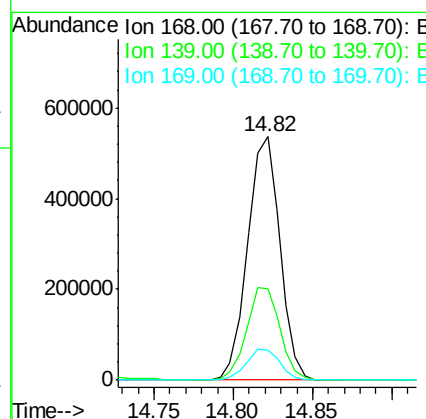
Manual Integrations
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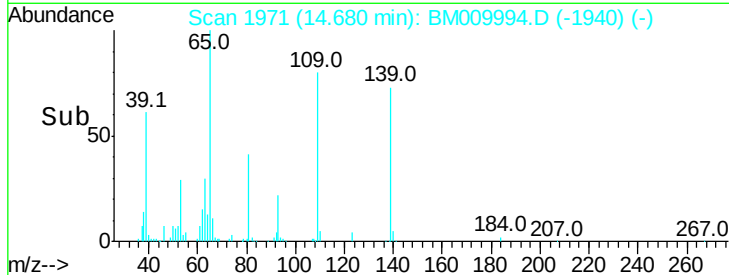
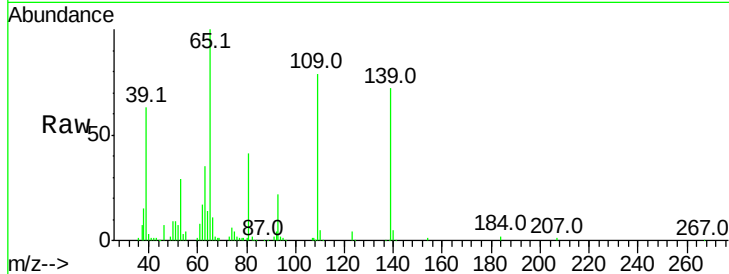
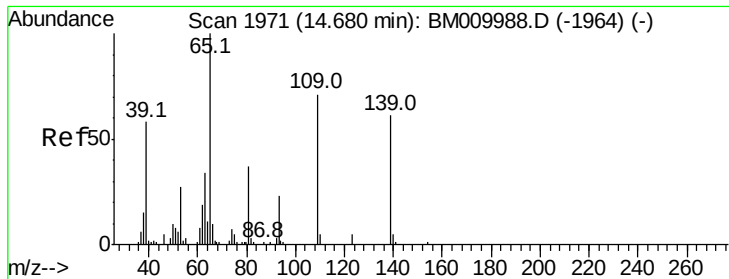
mohammad
5/12/2017 4:30:11 PM



#54
Dibenzofuran
Concen: 46.04 ng
RT: 14.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.3	27.3	40.9
169	12.3	10.6	16.0





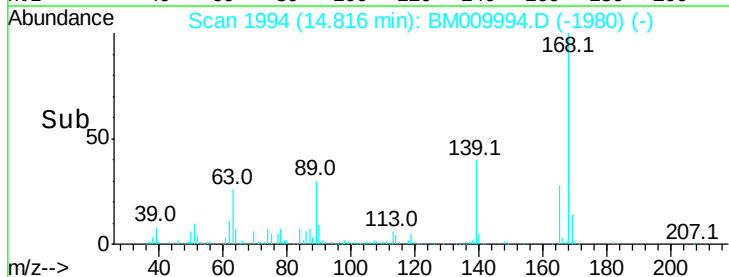
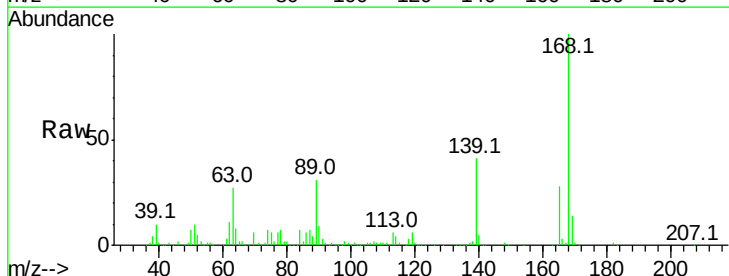
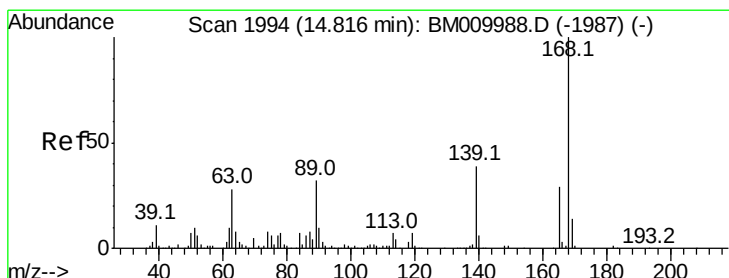
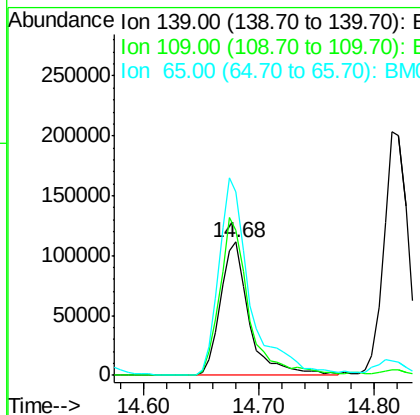
#55
4-Nitrophenol
Concen: 91.38 ng
RT: 14.68 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Instrument :
BNA_M
ClientSampled :
PB98840BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	109.4	37.7	77.7#	
65	138.1	49.9	89.9#	

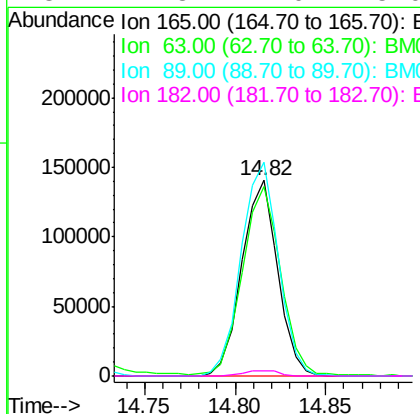
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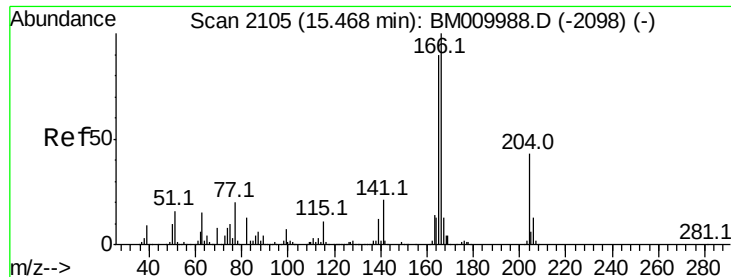
mohammad
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#56
2,4-Dinitrotoluene
Concen: 43.89 ng
RT: 14.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	96.5	52.4	78.6#	
89	109.1	72.4	108.6#	
182	2.8	2.0	3.0	





#57

Fluorene

Concen: 43.38 ng

RT: 15.47 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Instrument :

BNA_M

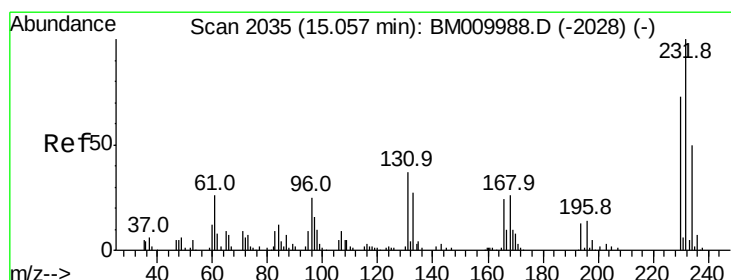
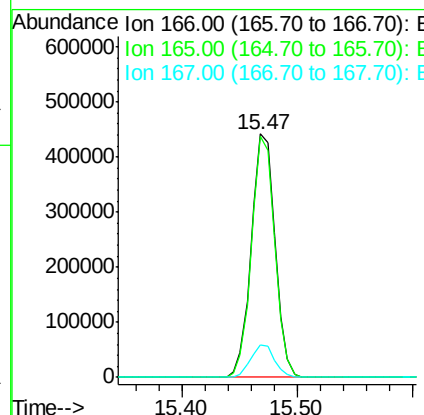
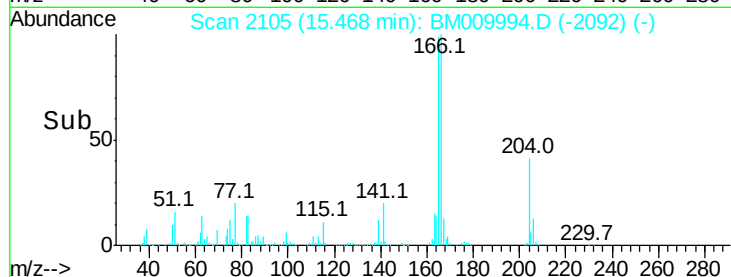
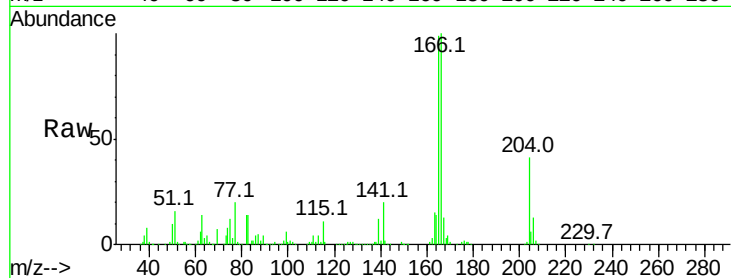
ClientSampleId :

PB98840BS

Tot Ion:	166	Resp:	632346
Ion Ratio	Lower	Upper	
166	100		
165	99.1	79.0	118.4
167	13.1	10.3	15.5

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.93 ng

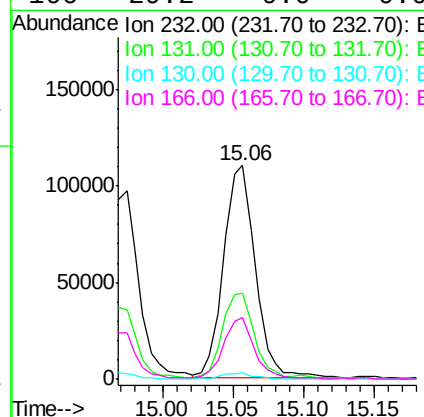
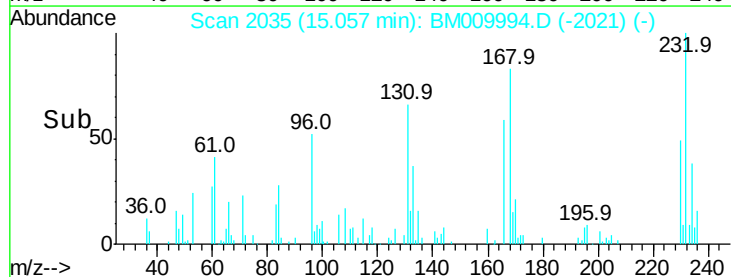
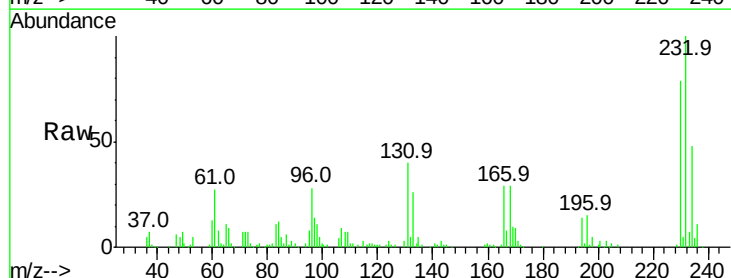
RT: 15.06 min Scan# 2035

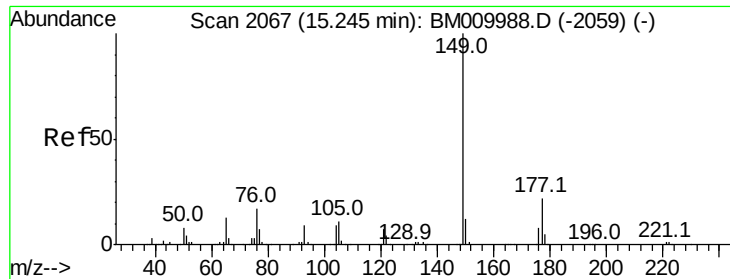
Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Tgt Ion:	232	Resp:	171111
Ion Ratio	Lower	Upper	
232	100		
131	39.7	0.0	0.0#
130	2.8	0.0	0.0#
166	29.2	0.0	0.0#





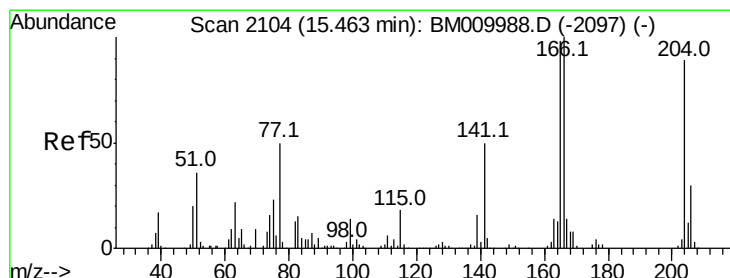
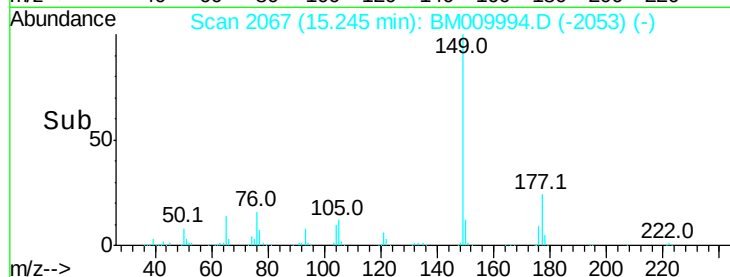
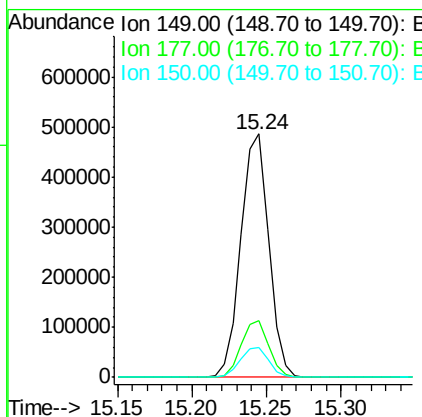
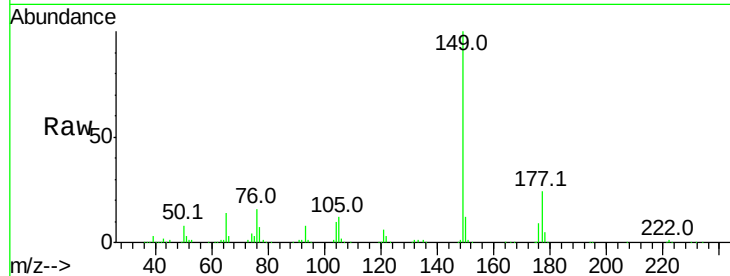
#59
Diethylphthalate
Concen: 40.95 ng
RT: 15.24 min Scan# 2067
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Instrument :
BNA_M
ClientSampleId :
PB98840BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	630267		
177	23.5	18.3	27.5	
150	12.5	9.8	14.8	

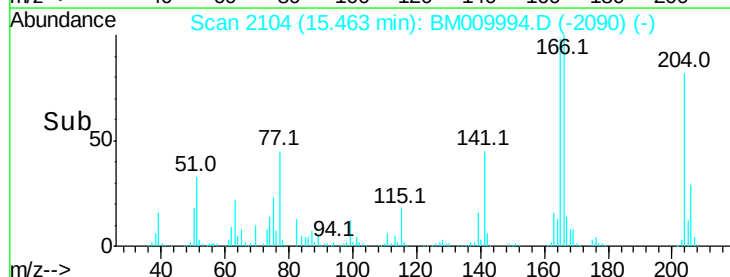
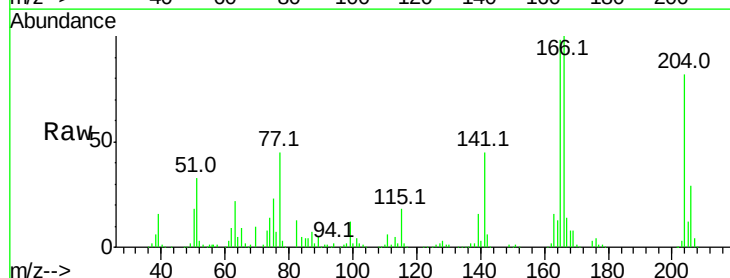
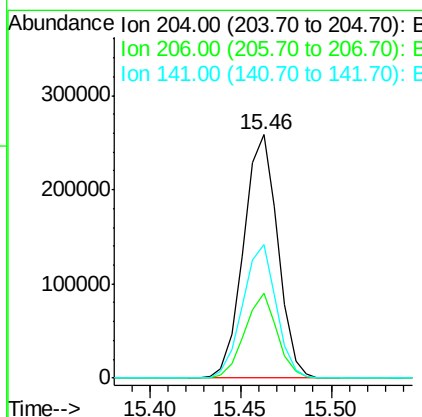
Manual Integrations
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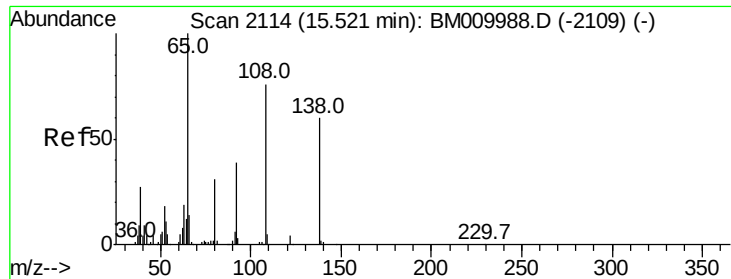
mohammad
5/12/2017 4:30:11 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.41 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	337606		
206	34.8	26.6	39.8	
141	55.0	45.2	67.8	





#61

4-Nitroaniline

Concen: 39.99 ng

RT: 15.53 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Instrument :

BNA_M

ClientSampleId :

PB98840BS

Tot Ion: 138 Resp: 128538

Ion Ratio Lower Upper

138 100

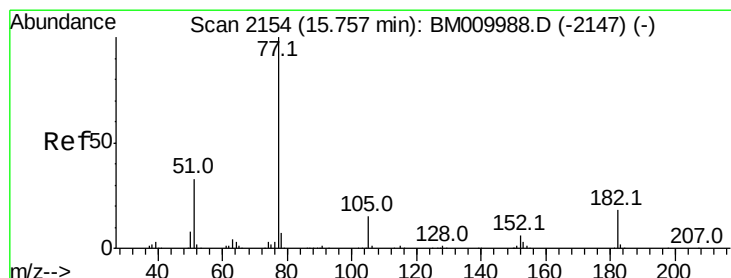
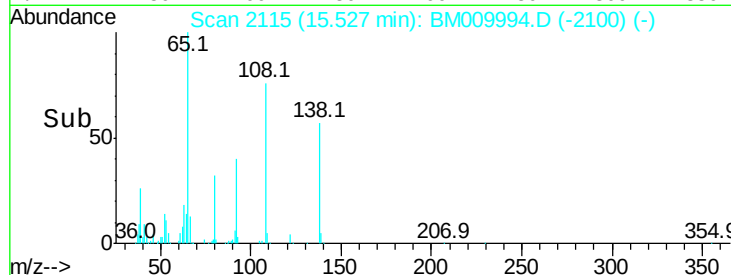
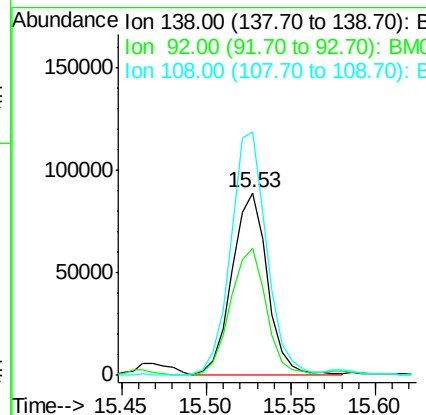
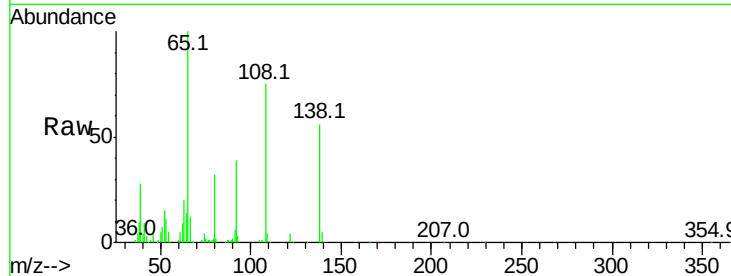
92 69.6 16.7 56.7#

108 133.4 37.6 77.6#

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#62

Azobenzene

Concen: 48.52 ng

RT: 15.76 min Scan# 2154

Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Tgt Ion: 77 Resp: 906035

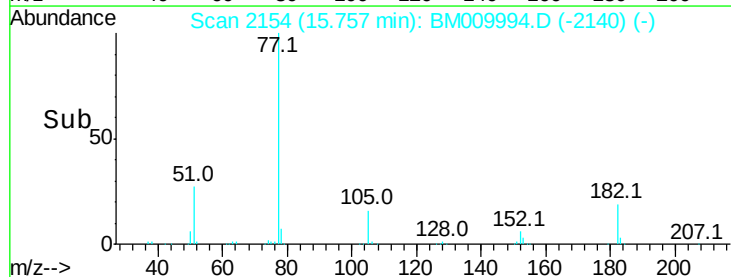
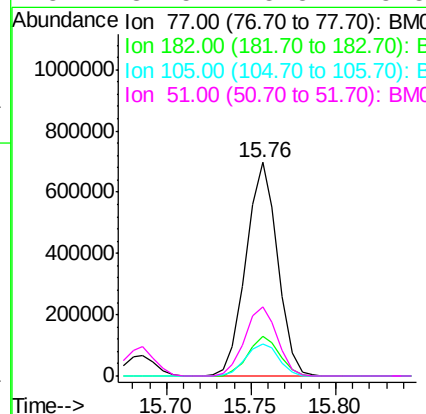
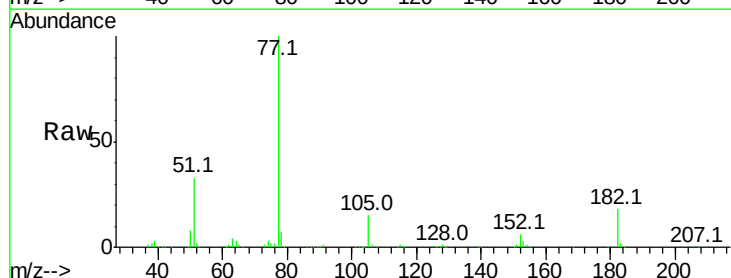
Ion Ratio Lower Upper

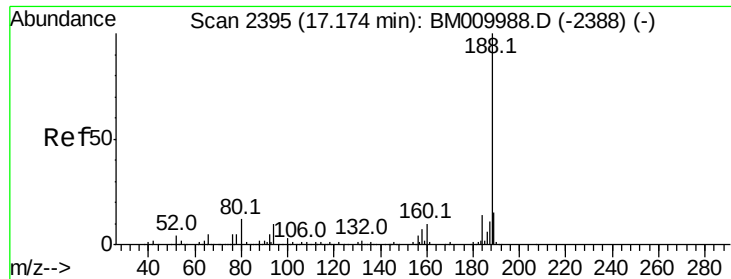
77 100

182 18.4 6.5 46.5

105 15.0 3.8 43.8

51 32.5 5.5 45.5





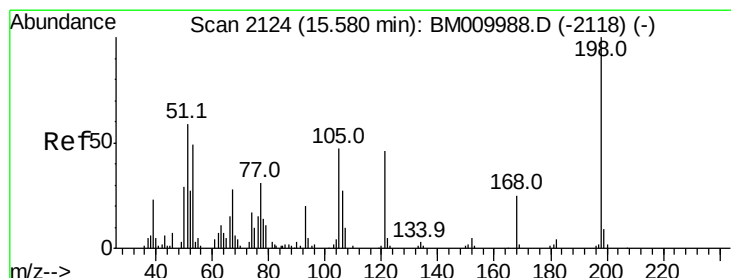
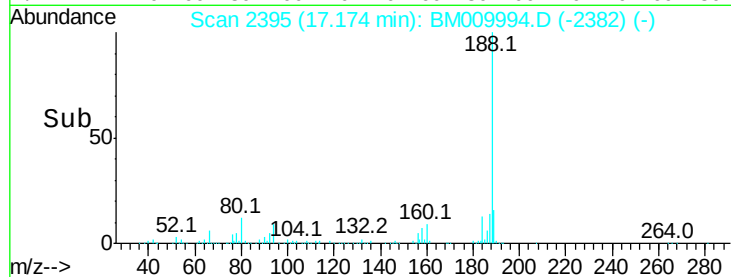
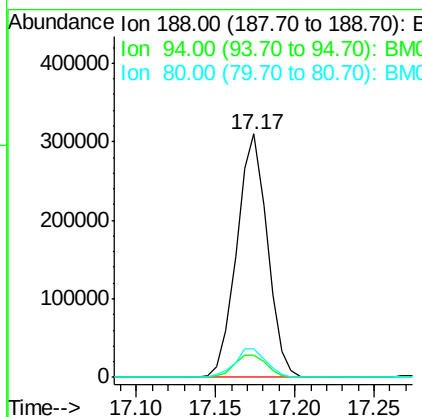
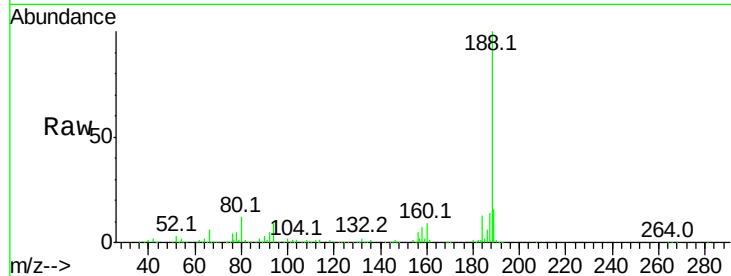
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.17 min Scan# 2395
 Delta R.T. -0.02 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Instrument :
 BNA_M
 ClientSampleId :
 PB98840BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	413733		
94	9.3		8.7	13.1
80	11.5		9.3	13.9

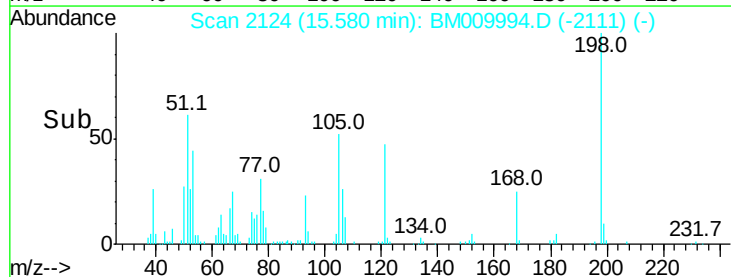
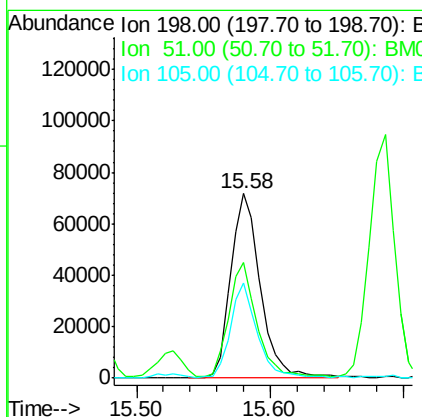
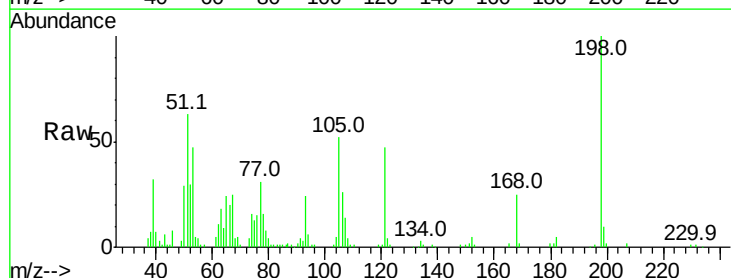
Manual Integrations
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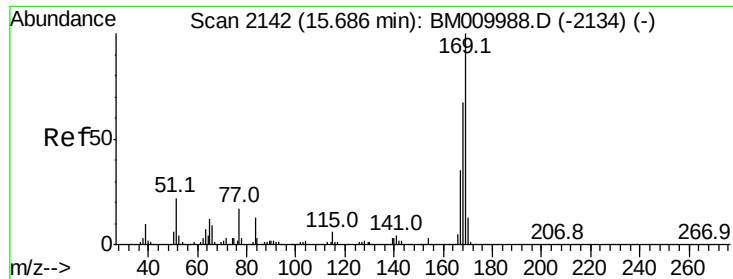
mohammad
 5/12/2017 4:30:11 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.79 ng
 RT: 15.58 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	111021		
51	62.8		28.8	68.8
105	51.8		30.5	70.5





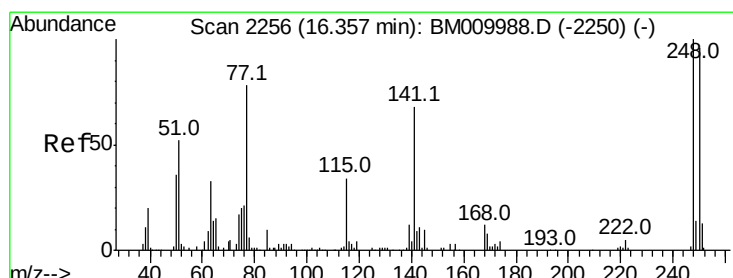
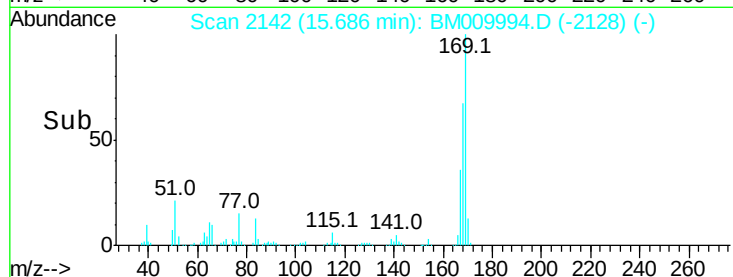
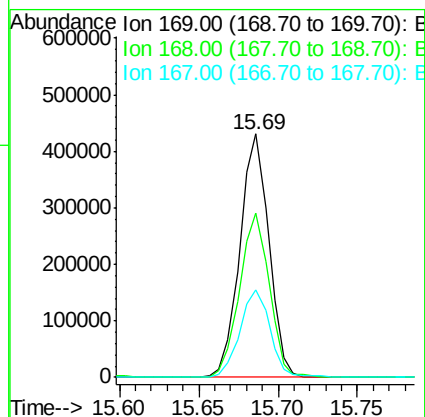
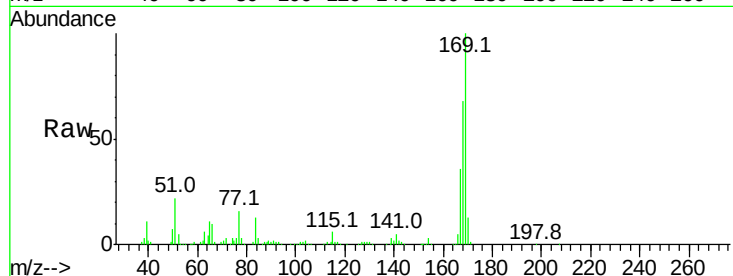
#65
n-Nitrosodiphenylamine
Concen: 42.48 ng
RT: 15.69 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Instrument :
BNA_M
ClientSampleId :
PB98840BS

Tot Ion:	169	Resp:	545375
Ion Ratio	Lower	Upper	
169	100		
168	67.7	53.9	80.9
167	36.0	28.9	43.3

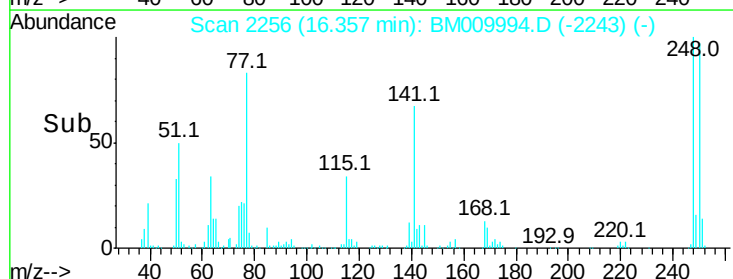
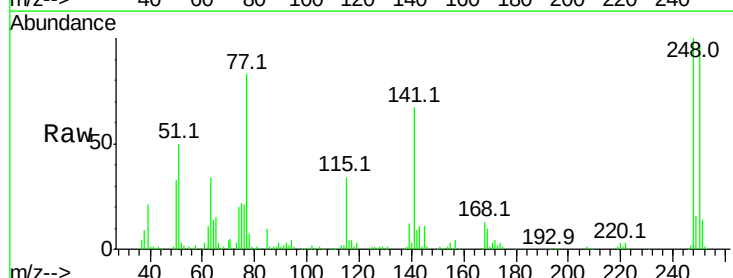
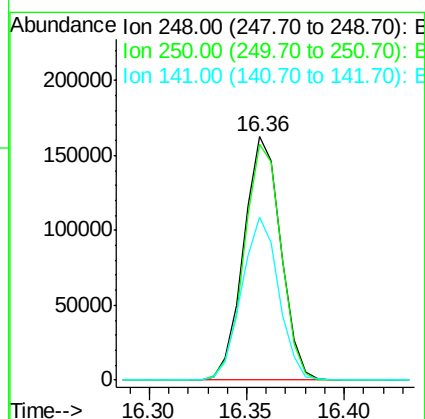
Manual Integrations
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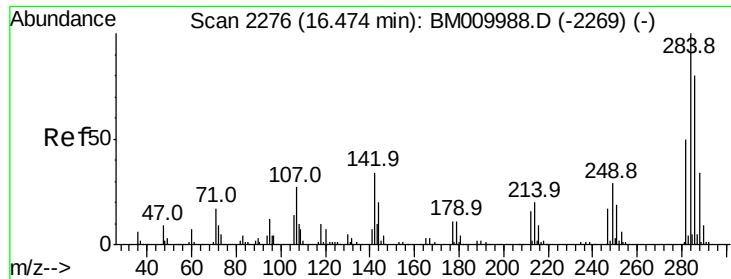
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 43.51 ng
RT: 16.36 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Tgt Ion:	248	Resp:	213826
Ion Ratio	Lower	Upper	
248	100		
250	96.7	77.4	116.0
141	66.9	45.2	67.8





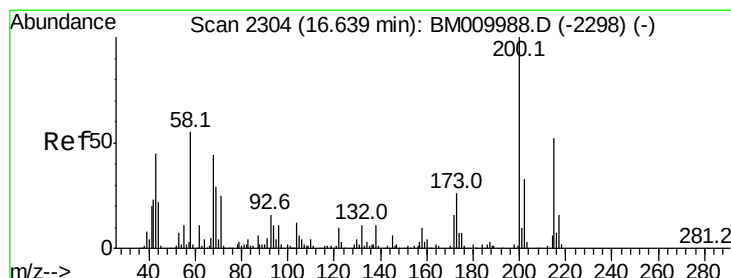
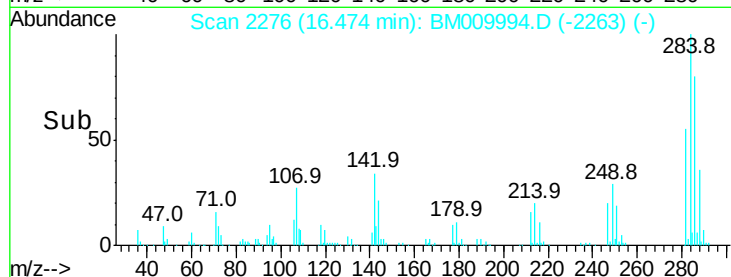
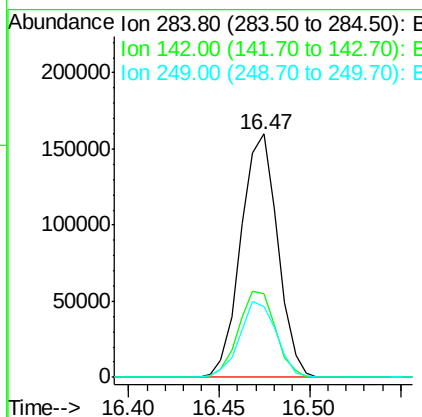
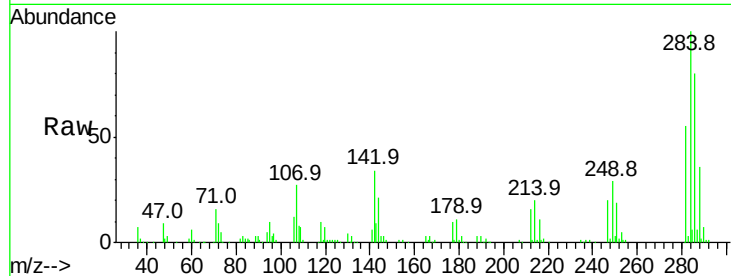
#67
Hexachlorobenzene
Concen: 41.34 ng
RT: 16.47 min Scan# 2276
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Instrument :
BNA_M
ClientSampleId :
PB98840BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	225480		
142	34.4	20.4	30.6	#
249	29.3	23.8	35.6	

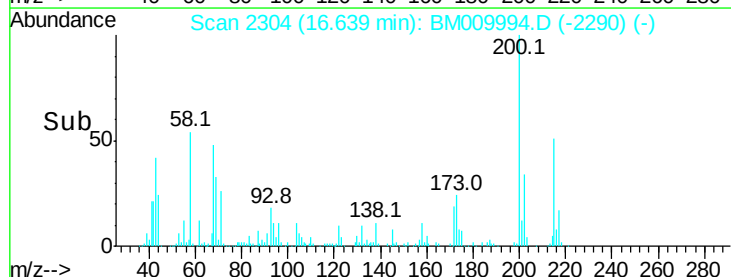
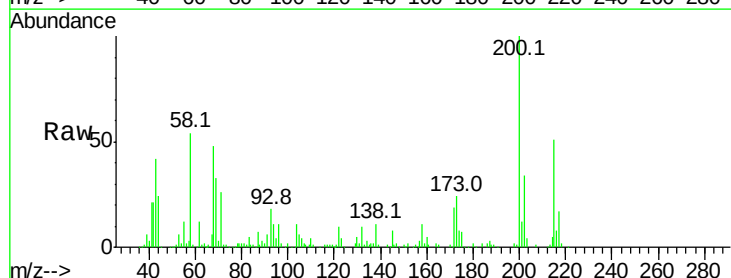
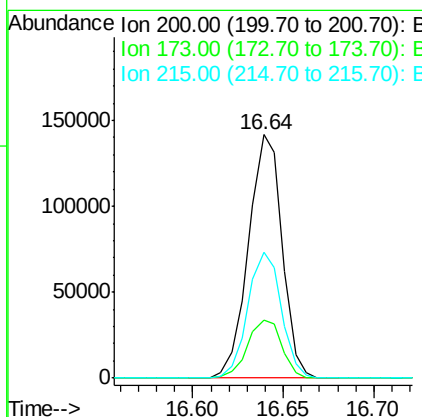
Manual Integrations
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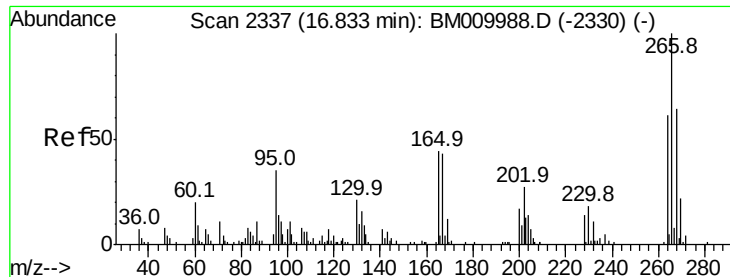
mohammad
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#68
Atrazine
Concen: 38.95 ng
RT: 16.64 min Scan# 2304
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	182753		
173	23.8	4.8	44.8	
215	51.5	26.9	66.9	





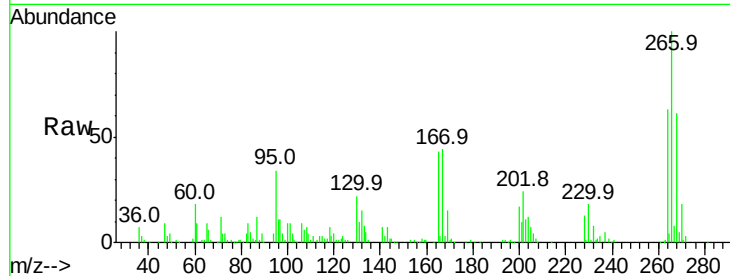
#69
 Pentachlorophenol
 Concen: 80.13 ng
 RT: 16.83 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Instrument :
 BNA_M
 ClientSampleId :
 PB98840BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	213731		
268	61.0	52.0	78.0	
264	62.6	49.0	73.4	

Manual Integrations
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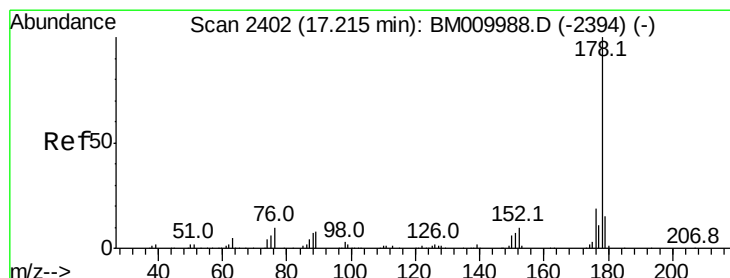
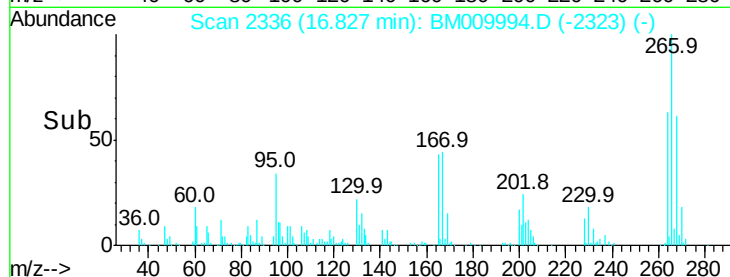
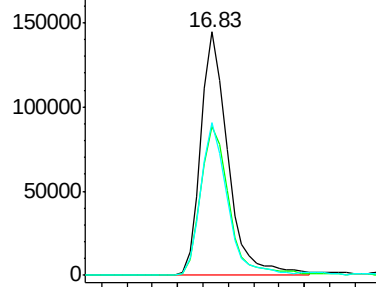


Abundance

Ion 265.70 (265.40 to 266.40): E

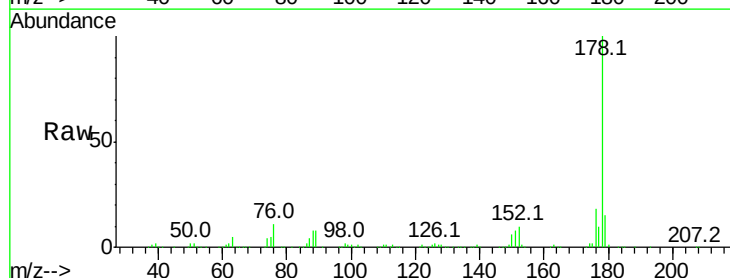
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 43.31 ng
 RT: 17.22 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1028513		
176	18.5	15.2	22.8	
179	14.8	12.1	18.1	

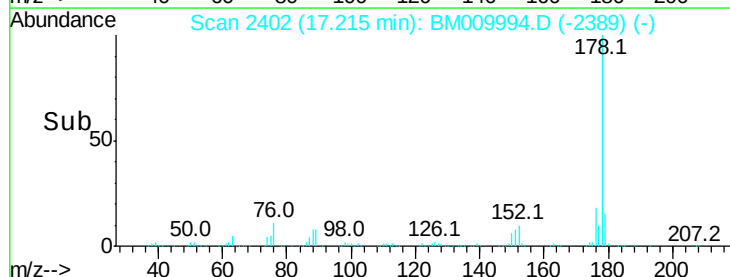
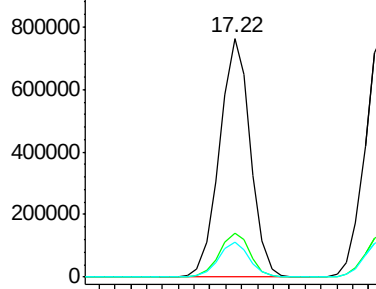


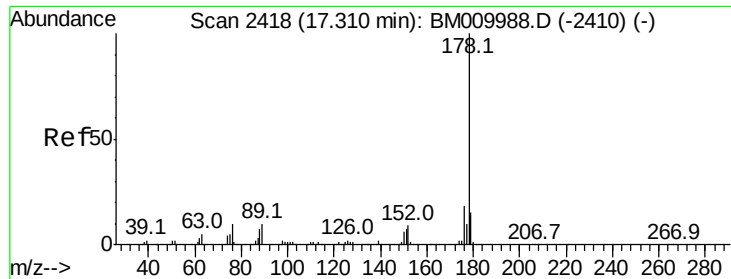
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





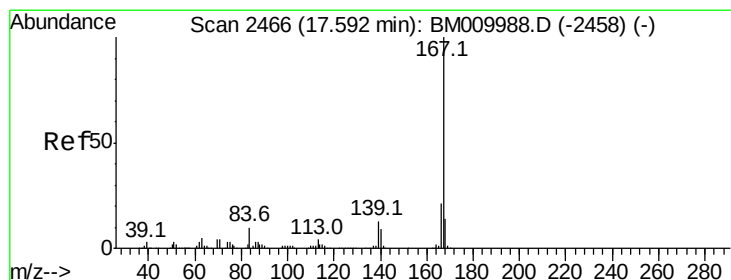
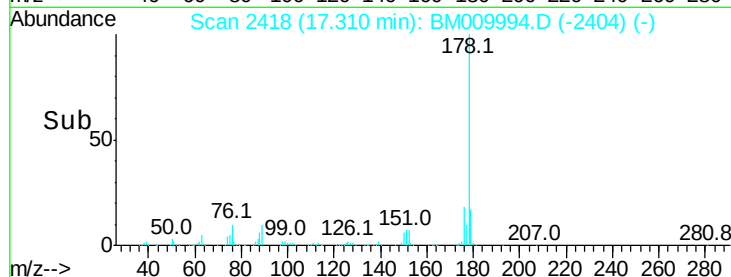
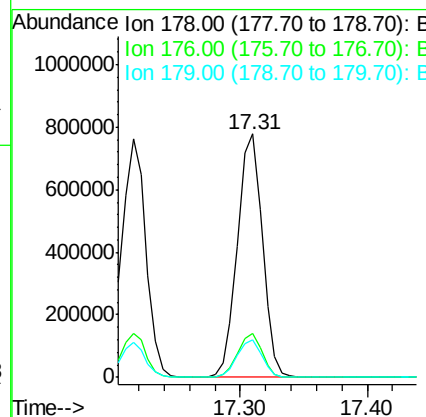
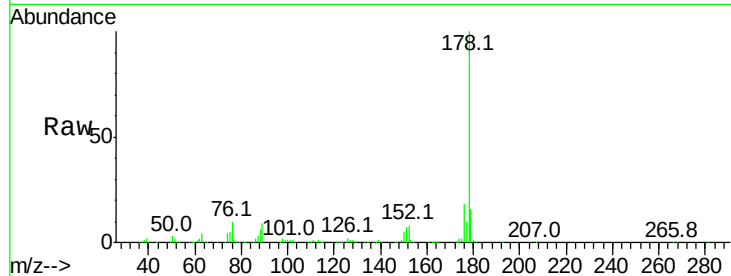
#71
 Anthracene
 Concen: 43.62 ng
 RT: 17.31 min Scan# 2418
 Delta R.T. -0.02 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Instrument :
 BNA_M
 ClientSampled :
 PB98840BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	22.0
179	15.6	12.6	19.0

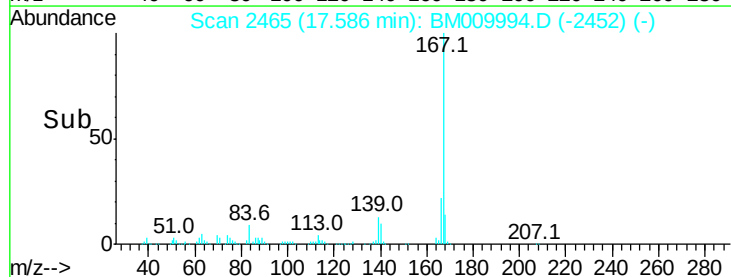
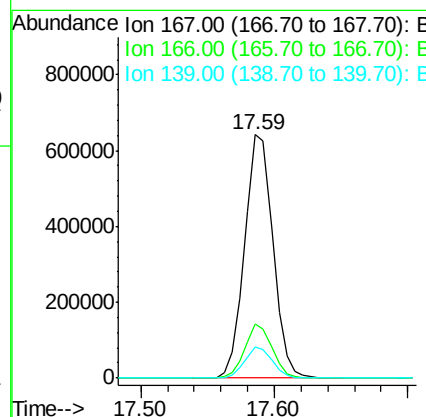
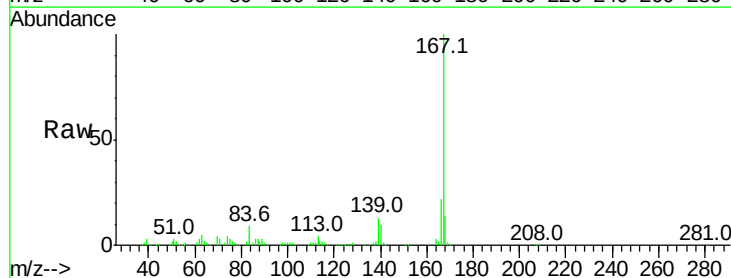
Manual Integrations
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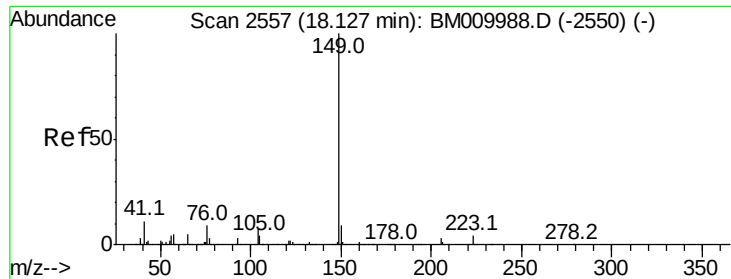
mohammad
 5/12/2017 4:30:11 PM



#72
 Carbazole
 Concen: 43.43 ng
 RT: 17.59 min Scan# 2465
 Delta R.T. -0.02 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.2	25.8
139	12.6	10.8	16.2





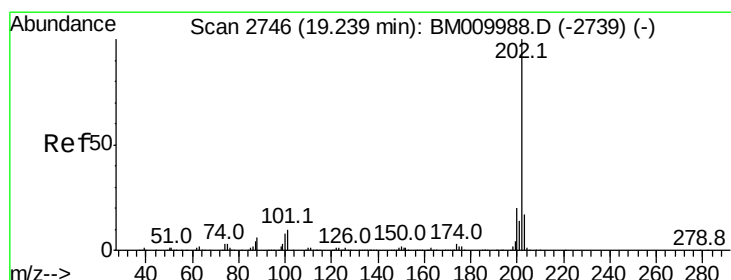
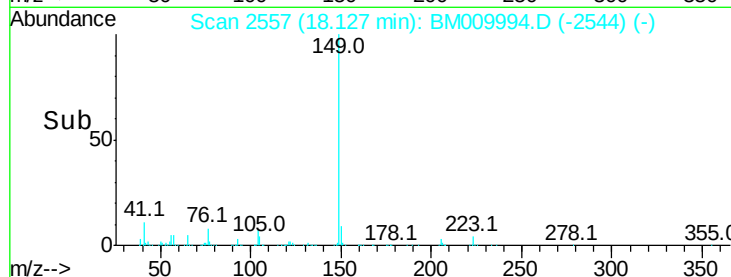
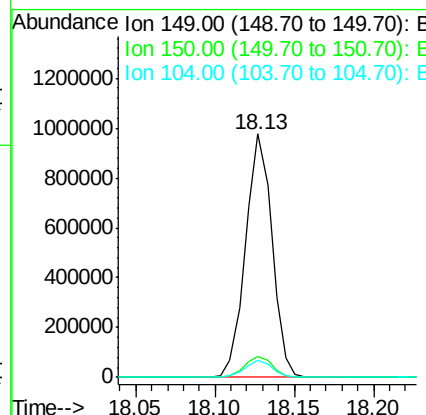
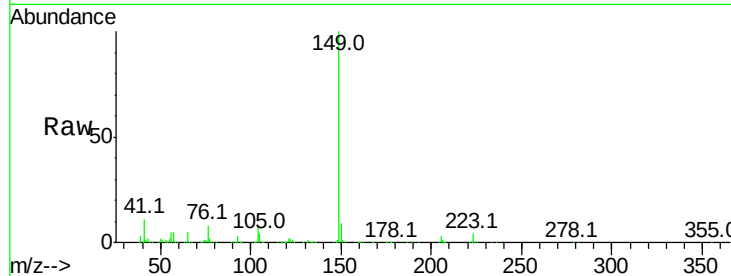
#73
Di-n-butylphthalate
Concen: 41.14 ng
RT: 18.13 min Scan# 2557
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Instrument :
BNA_M
ClientSampleId :
PB98840BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.5	11.3
104	7.1	3.7	5.5

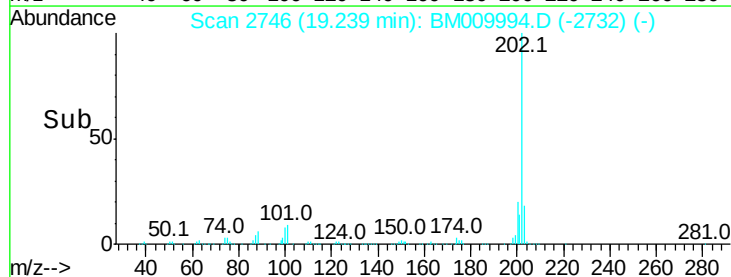
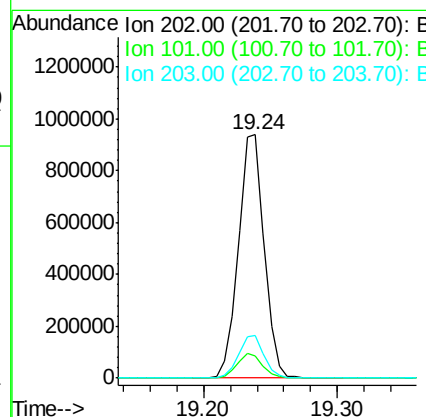
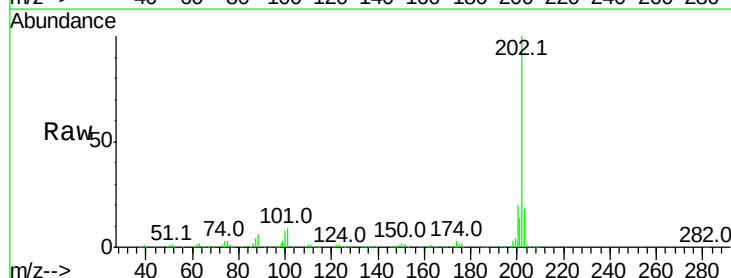
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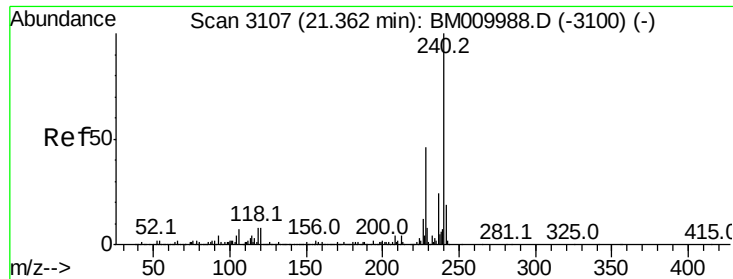
mohammad
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#74
Fluoranthene
Concen: 41.48 ng
RT: 19.24 min Scan# 2746
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	28.7
203	17.8	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Instrument :

BNA_M

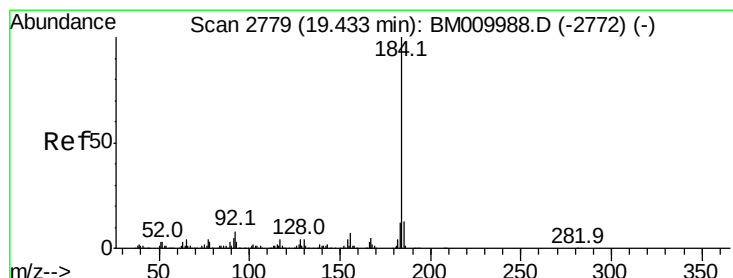
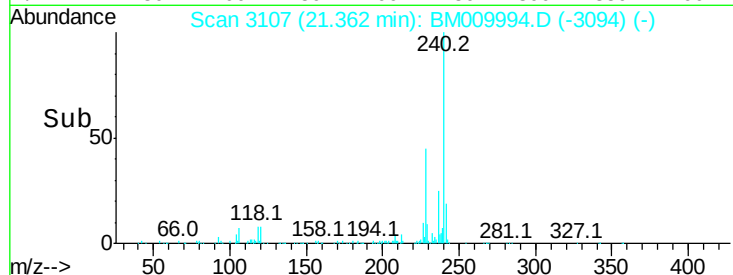
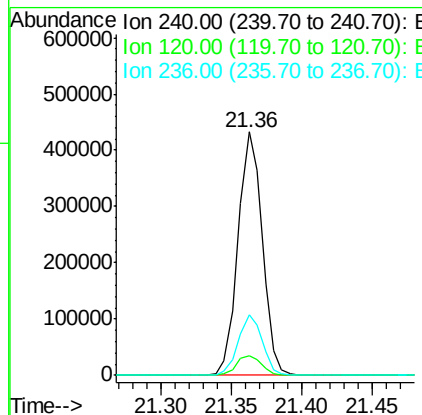
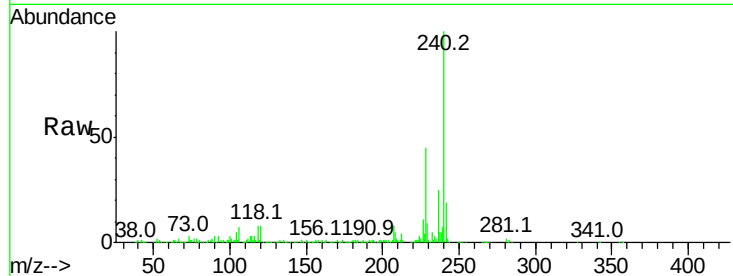
ClientSampleId :

PB98840BS

Tot Ion:	240	Resp:	517098
Ion Ratio	Lower	Upper	
240	100		
120	8.2	8.2	12.2
236	24.8	20.0	30.0

Manual Integrations
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#76

Benzidine

Concen: 27.92 ng

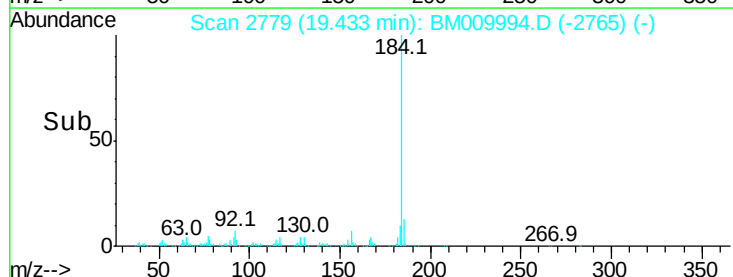
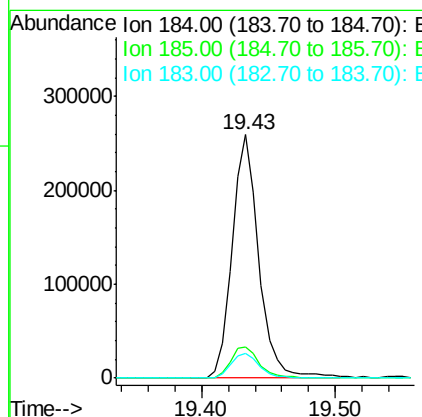
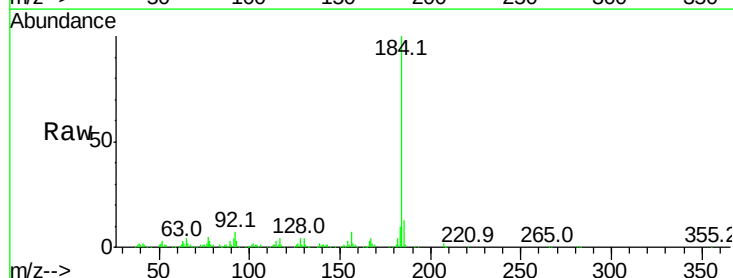
RT: 19.43 min Scan# 2779

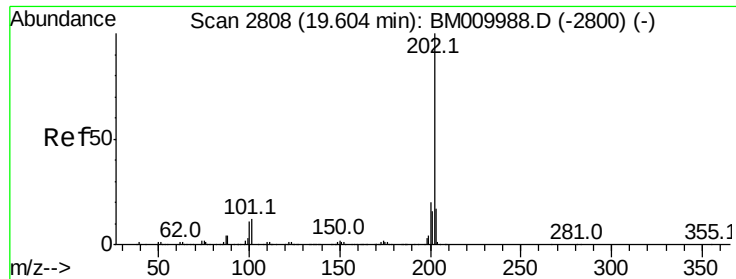
Delta R.T. -0.02 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Tgt Ion:	184	Resp:	360899
Ion Ratio	Lower	Upper	
184	100		
185	12.8	11.3	16.9
183	10.0	8.9	13.3





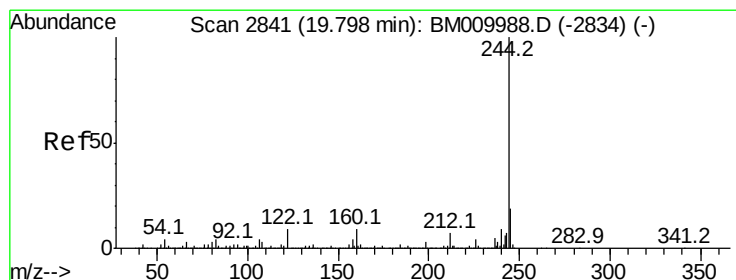
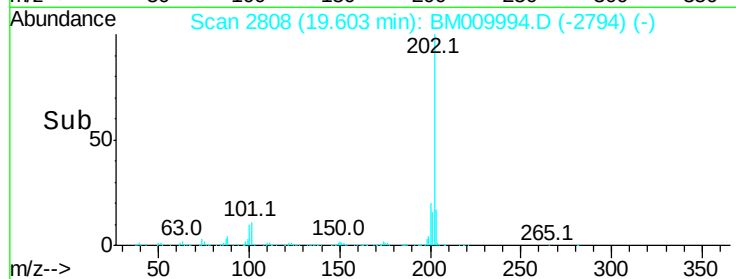
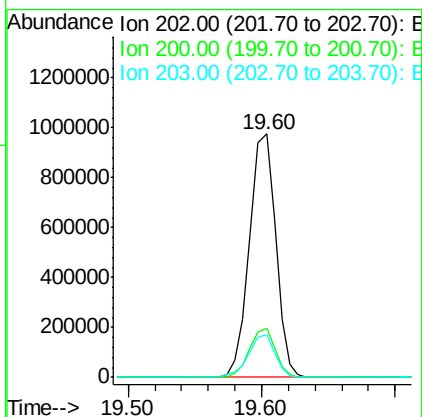
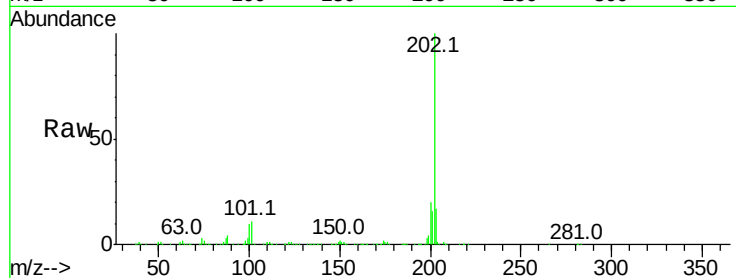
#77
Pvrene
Concen: 43.11 ng
RT: 19.60 min Scan# 2808
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Instrument :
BNA_M
ClientSampleId :
PB98840BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.9	25.3
203	17.5	14.1	21.1

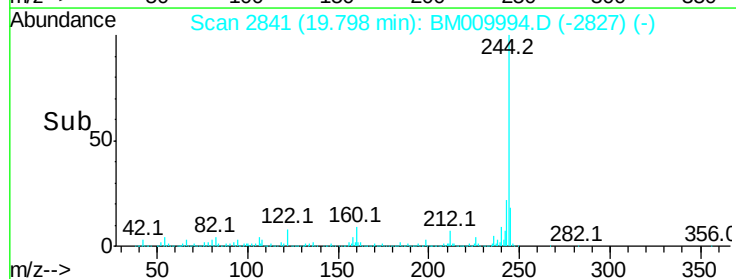
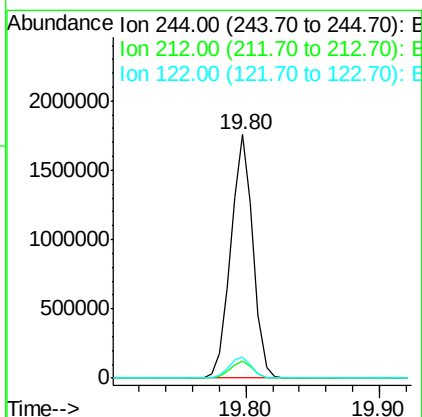
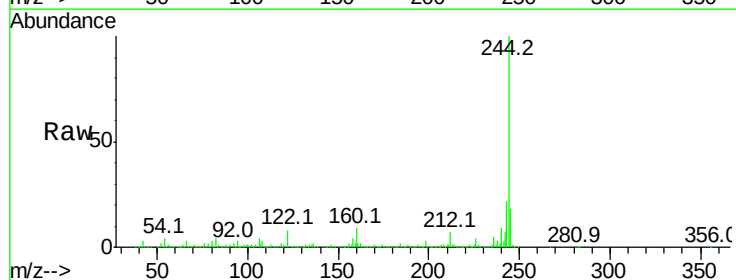
Manual Integrations
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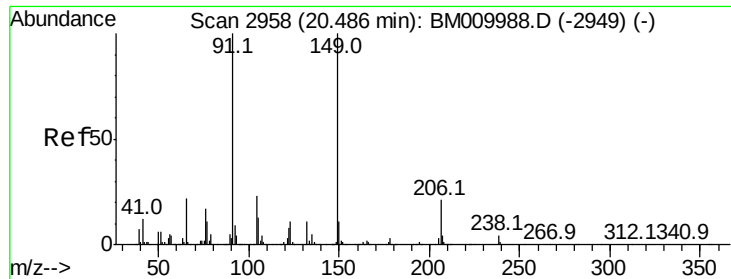
mohammad
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#78
Terphenyl-d14
Concen: 82.73 ng
RT: 19.80 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	8.5	6.2	9.4





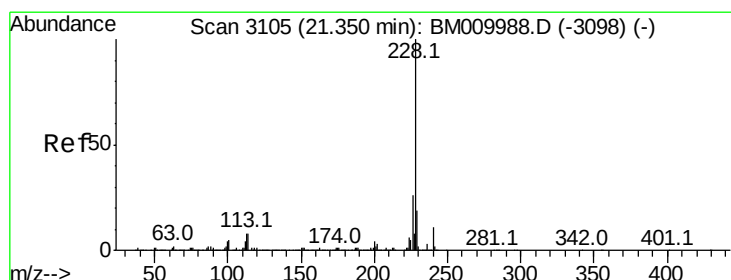
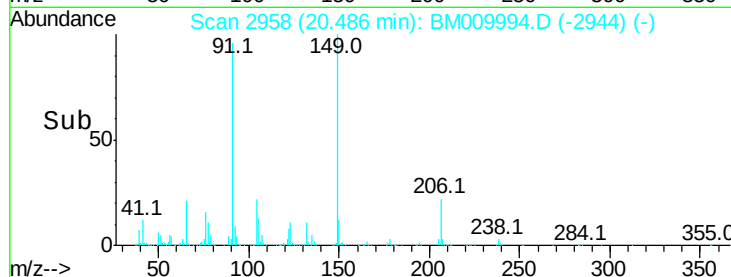
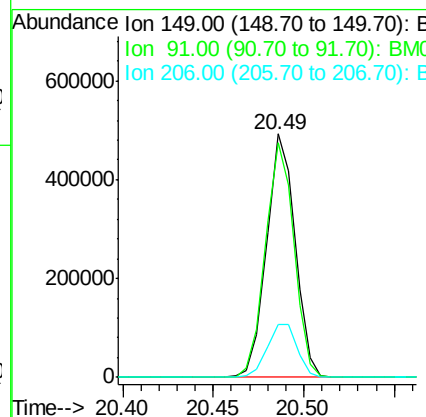
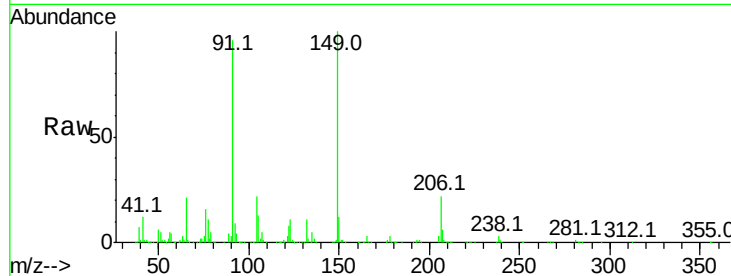
#79
Butylbenzylphthalate
Concen: 42.14 ng
RT: 20.49 min Scan# 2958
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Instrument :
BNA_M
ClientSampleId :
PB98840BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	96.2	50.1	75.1#	
206	21.9	16.2	24.2	

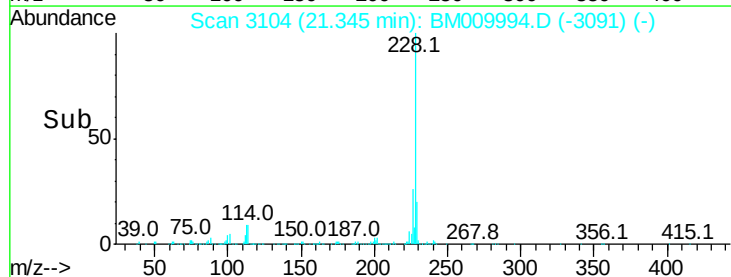
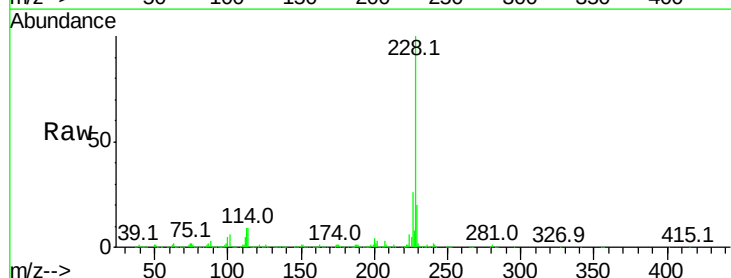
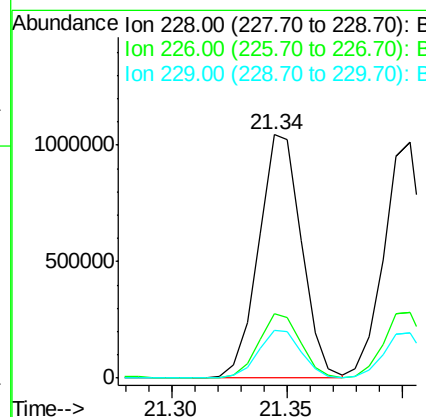
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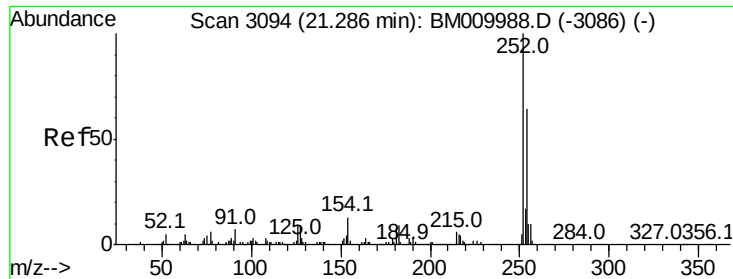
mohammad
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#80
Benzo(a)anthracene
Concen: 43.59 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

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





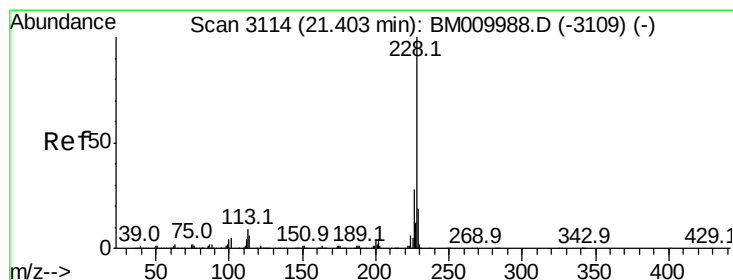
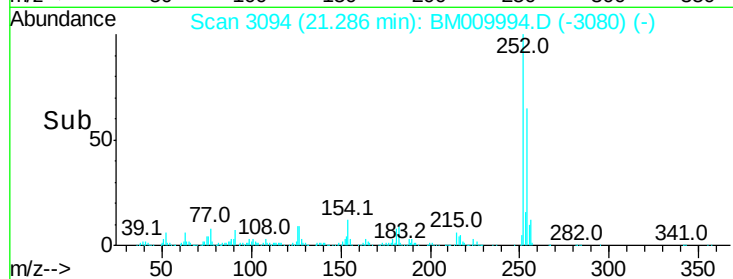
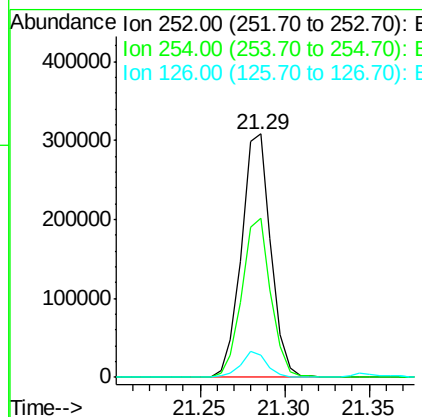
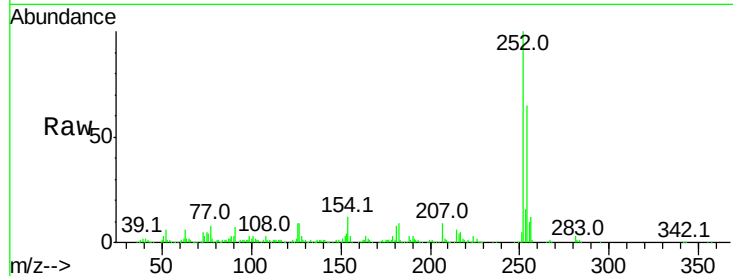
#81
 3,3'-Dichlorobenzidine
 Concen: 32.69 ng
 RT: 21.29 min Scan# 3094
 Delta R.T. -0.02 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Instrument :
 BNA_M
 ClientSampleId :
 PB98840BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.2	51.9	77.9
126	9.3	9.8	14.8

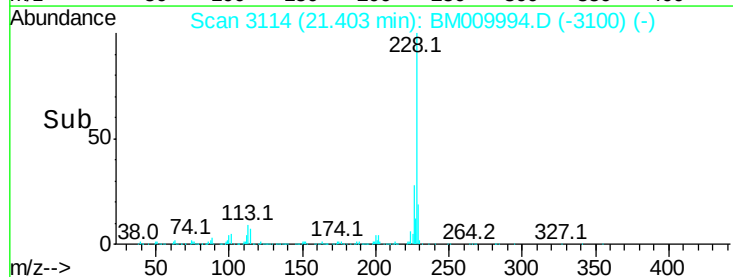
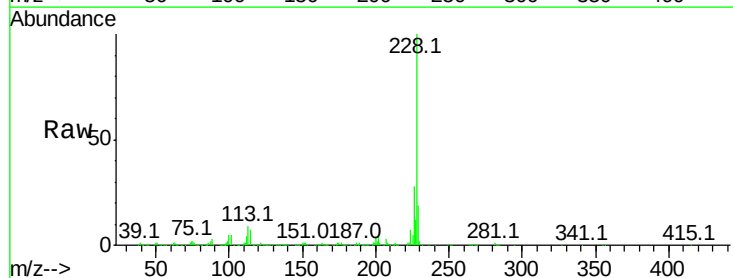
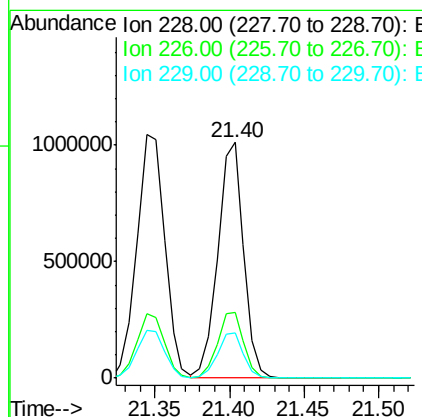
Manual Integrations
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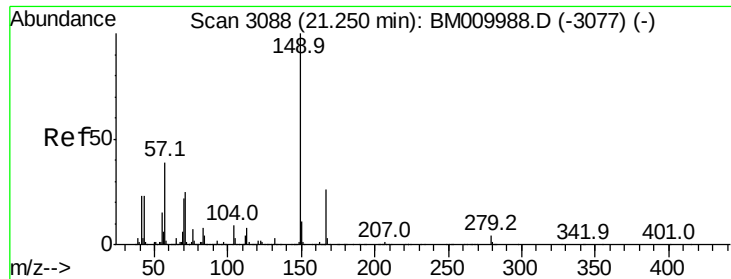
mohammad
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#82
 Chrysene
 Concen: 41.98 ng
 RT: 21.40 min Scan# 3114
 Delta R.T. -0.02 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.9	24.1	36.1
229	19.2	15.5	23.3





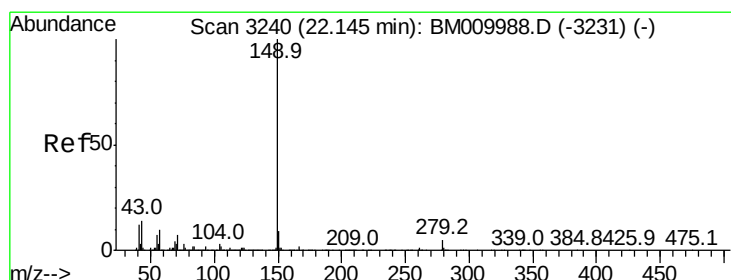
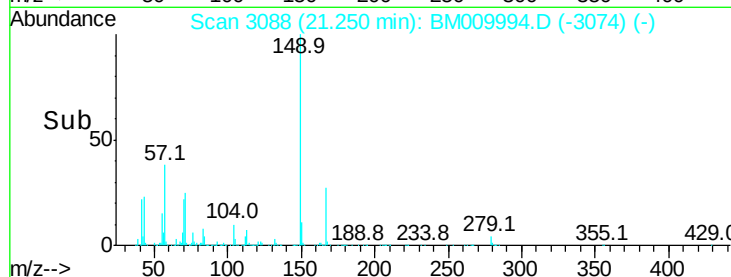
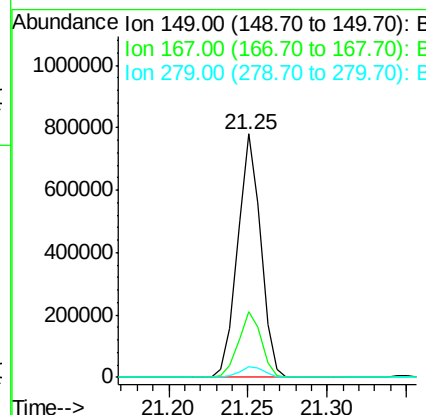
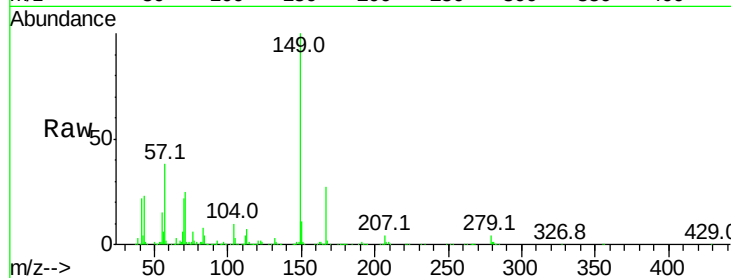
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.09 ng
 RT: 21.25 min Scan# 3088
 Delta R.T. -0.02 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Instrument :
 BNA_M
 ClientSampleId :
 PB98840BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.4	33.6
279	4.3	3.4	5.0

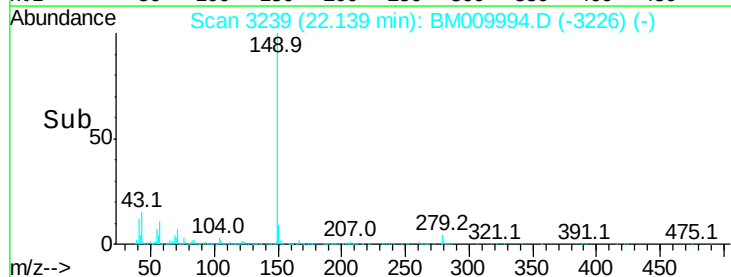
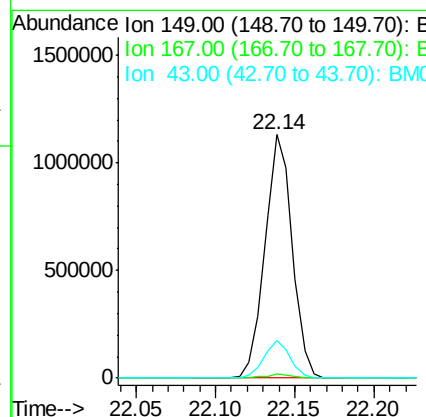
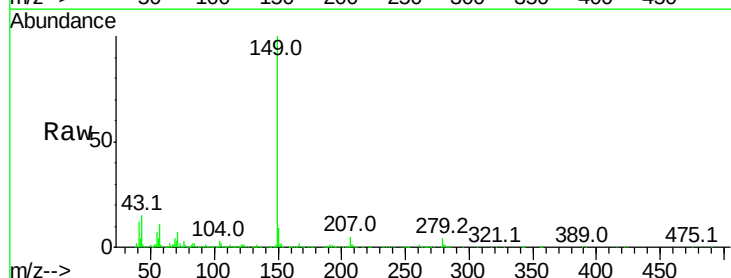
Manual Integrations
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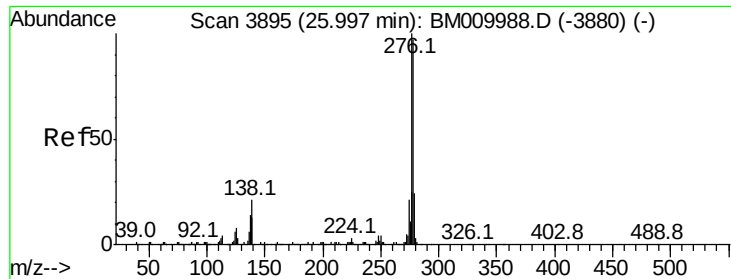
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 41.34 ng
 RT: 22.14 min Scan# 3239
 Delta R.T. -0.02 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	15.0	7.3	10.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.64 ng

RT: 25.99 min Scan# 3894

Delta R.T. -0.06 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Instrument :

BNA_M

ClientSampleId :

PB98840BS

Tot Ion:276 Resp: 1121020

Ion Ratio Lower Upper

276 100

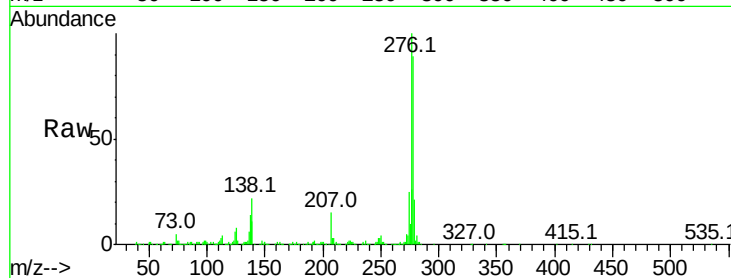
138 19.5 0.0 0.0#

277 25.2 0.0 0.0#

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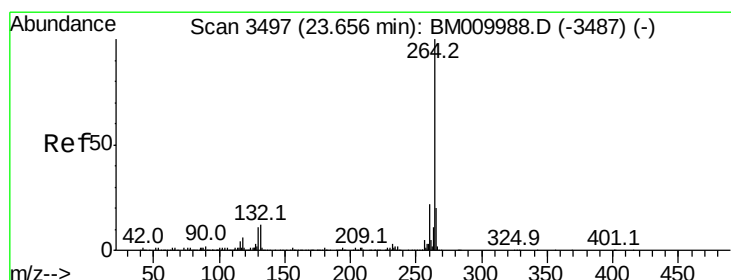
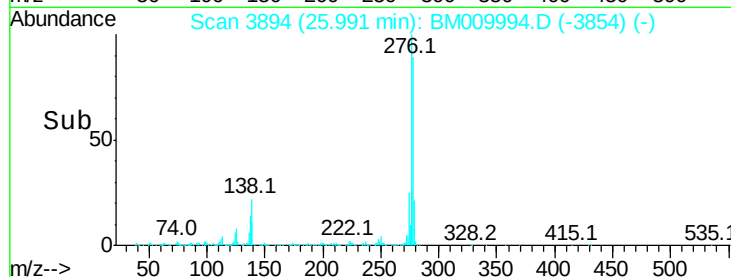
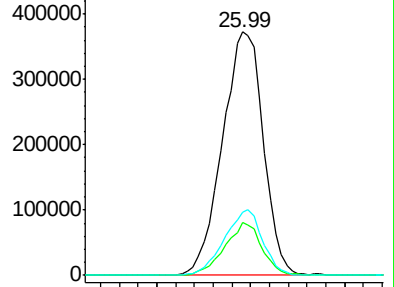
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.66 min Scan# 3497

Delta R.T. -0.04 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

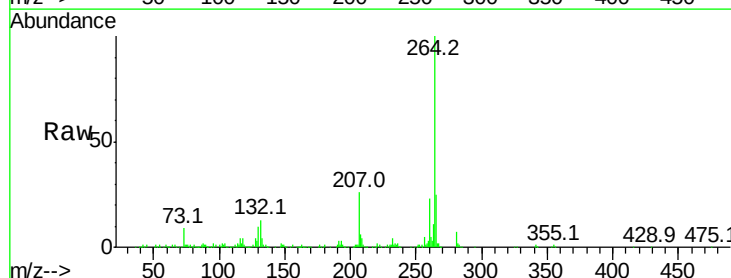
Tgt Ion:264 Resp: 411142

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

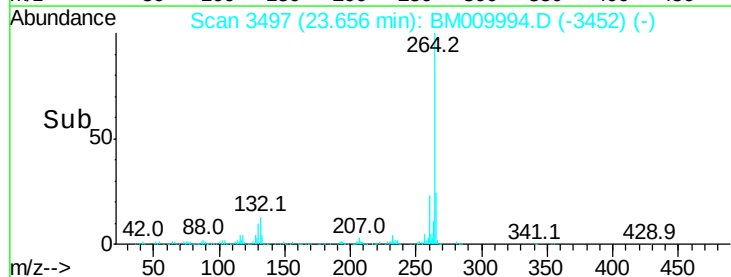
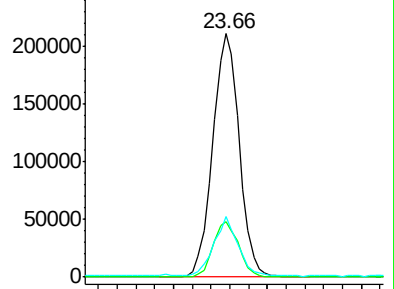
265 25.1 17.3 25.9

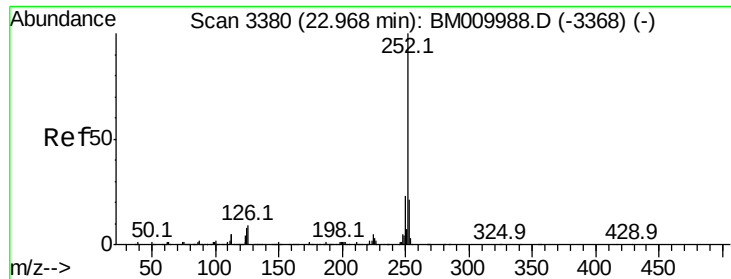


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.58 ng

RT: 22.96 min Scan# 3379

Delta R.T. -0.04 min

Lab File: BM009994.D

Acq: 11 May 2017 20:54

Instrument :

BNA_M

ClientSampled :

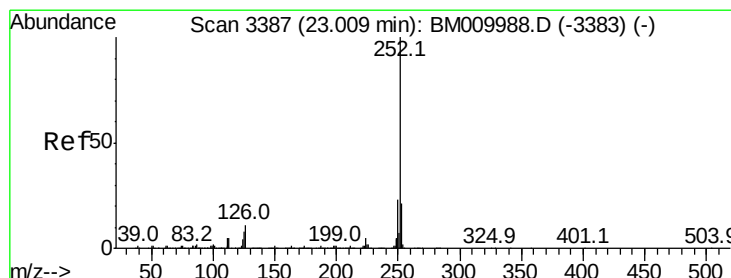
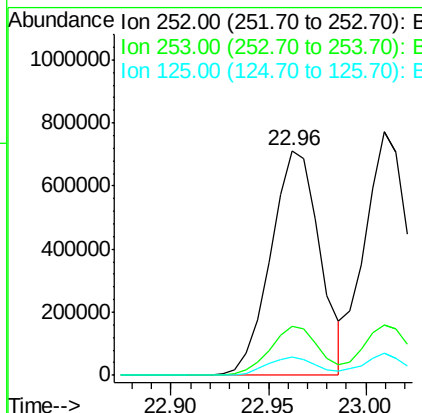
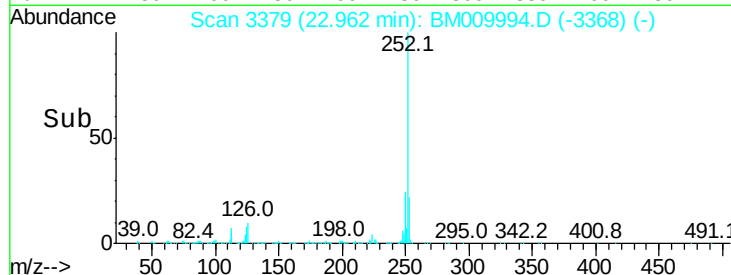
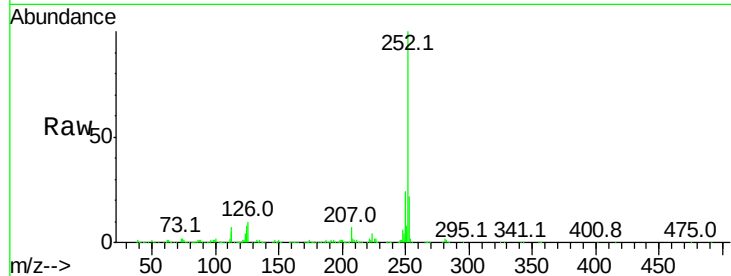
PB98840BS

Tot Ion:252 Resp: 1241163

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	8.1	9.9	14.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 45.14 ng

RT: 23.01 min Scan# 3387

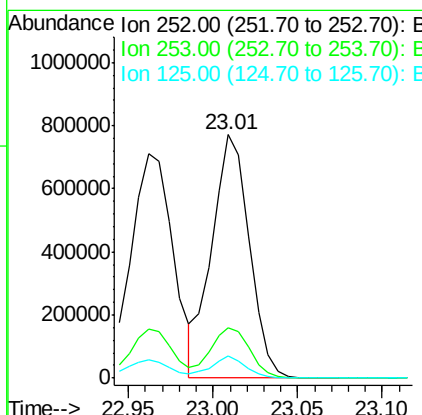
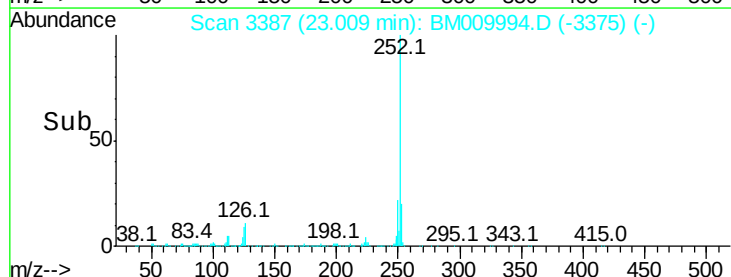
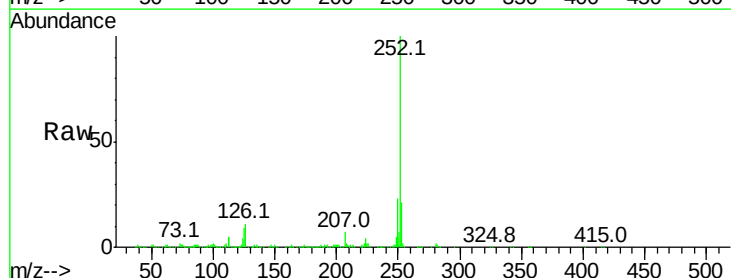
Delta R.T. -0.03 min

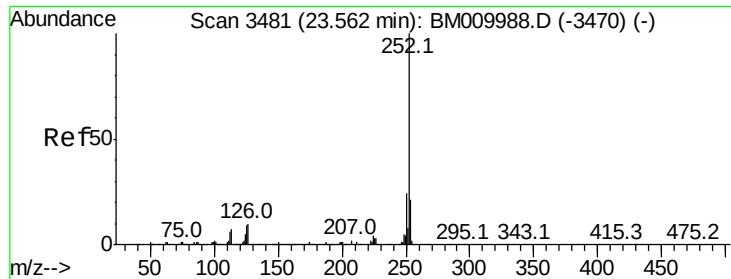
Lab File: BM009994.D

Acq: 11 May 2017 20:54

Tgt Ion:252 Resp: 1194244

Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.2	25.8
125	8.9	8.1	12.1





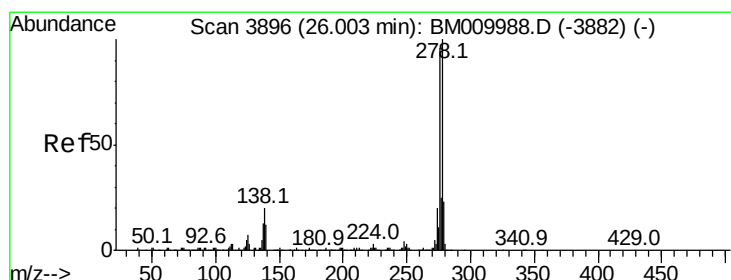
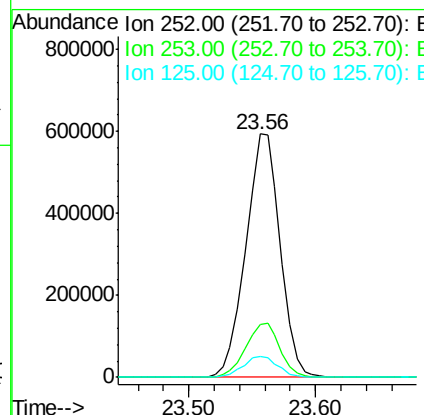
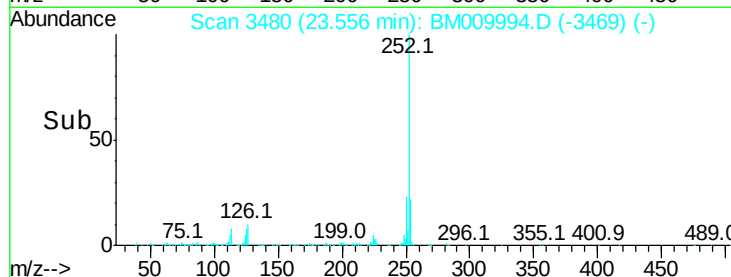
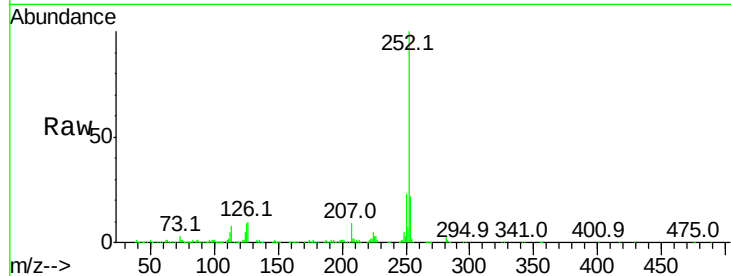
#89
Benzo(a)pyrene
Concen: 45.51 ng
RT: 23.56 min Scan# 3480
Delta R.T. -0.04 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Instrument :
BNA_M
ClientSampleId :
PB98840BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	8.6	7.4	11.2

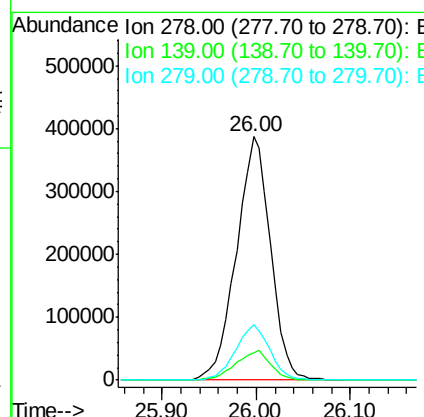
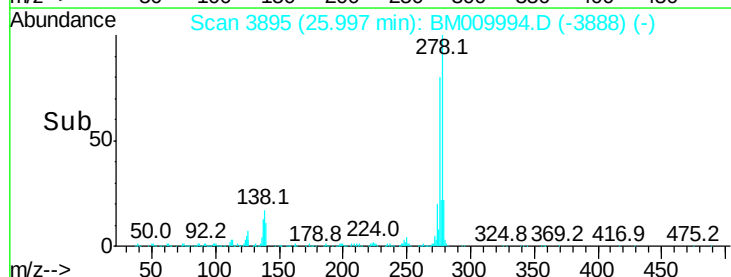
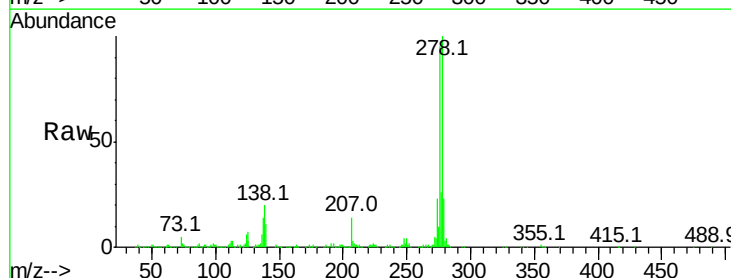
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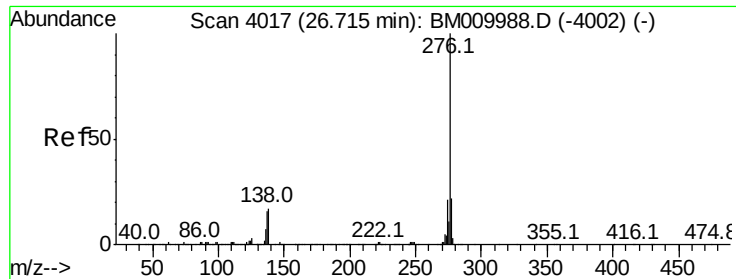
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 44.67 ng
RT: 26.00 min Scan# 3895
Delta R.T. -0.06 min
Lab File: BM009994.D
Acq: 11 May 2017 20:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.0	13.4	20.0#
279	22.6	19.0	28.4





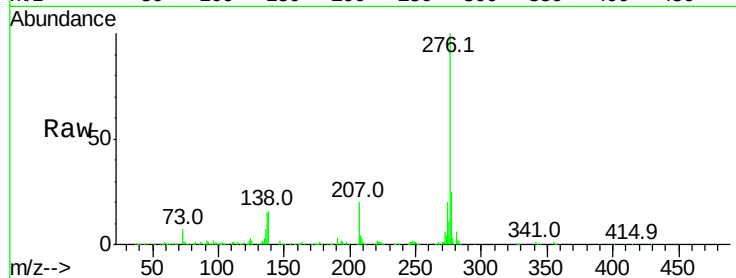
#91
 Benzo(a,h,i)perylene
 Concen: 43.12 ng
 RT: 26.71 min Scan# 4017
 Delta R.T. -0.06 min
 Lab File: BM009994.D
 Acq: 11 May 2017 20:54

Instrument :
 BNA_M
 ClientSampleId :
 PB98840BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.5	27.7
138	15.6	19.0	28.6

Manual Integrations
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 5/12/2017 4:30:11 PM



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

