

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050517\
 Data File : BM009907.D
 Acq On : 05 May 2017 18:03
 Operator : SJ/MA
 Sample : PB98666BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB98666BSD

Manual Integrations
 APPROVED

mohammad
 5/8/2017 2:49:21 PM

Quant Time: May 06 00:33:33 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	101823	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	443884	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	272778	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	634251	20.00	ng	0.00
75) Chrysene-d12	21.38	240	745789	20.00	ng	0.00
86) Perylene-d12	23.69	264	669324	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	856237	133.88	ng	0.00
7) Phenol-d6	6.97	99	1278553	130.41	ng	0.00
23) Nitrobenzene-d5	8.95	82	928390	75.69	ng	0.00
41) 2,4,6-Tribromophenol	15.94	330	456238	122.46	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1678451	80.17	ng	0.00
78) Terphenyl-d14	19.82	244	2635339	72.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	67470	27.47	ng	# 100
3) Pyridine	3.69	79	241847	28.63	ng	# 73
4) n-Nitrosodimethylamine	3.60	42	189921	34.47	ng	# 54
6) Aniline	7.12	93	296730	22.89	ng	# 83
8) 2-Chlorophenol	7.35	128	299826	42.11	ng	# 74
9) Benzaldehyde	6.93	77	69191	8.88	ng	85
10) Phenol	6.99	94	465720	43.39	ng	91
11) bis(2-Chloroethyl)ether	7.21	93	302998	35.47	ng	# 79
12) 1,3-Dichlorobenzene	7.67	146	269923	34.21	ng	# 84
13) 1,4-Dichlorobenzene	7.82	146	277010	34.06	ng	# 93
14) 1,2-Dichlorobenzene	8.13	146	275317	35.22	ng	# 92
15) Benzyl Alcohol	8.03	79	380512	41.91	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.31	45	550618	34.87	ng	97
17) 2-Methylphenol	8.23	107	288749	39.95	ng	# 85
18) Hexachloroethane	8.85	117	126653	35.14	ng	93
19) n-Nitroso-di-n-propylamine	8.59	70	332724	35.80	ng	# 81
20) 3+4-Methylphenols	8.56	107	400941	40.37	ng	89
22) Acetophenone	8.61	105	503621	36.27	ng	# 84
24) Nitrobenzene	8.99	77	477550	37.51	ng	# 85
25) Isophorone	9.52	82	816362	37.73	ng	# 87
26) 2-Nitrophenol	9.70	139	154535	37.53	ng	# 36
27) 2,4-Dimethylphenol	9.76	122	303060	40.89	ng	# 80
28) bis(2-Chloroethoxy)methane	9.99	93	460594	36.58	ng	99
29) 2,4-Dichlorophenol	10.24	162	303256	42.69	ng	93
30) 1,2,4-Trichlorobenzene	10.44	180	299183	36.04	ng	97
31) Naphthalene	10.63	128	866259	35.49	ng	98
32) Benzoic acid	9.95	122	191701	39.40	ng	# 74
33) 4-Chloroaniline	10.76	127	99224	9.64	ng	# 75
34) Hexachlorobutadiene	10.89	225	191986	33.23	ng	98
35) Caprolactam	11.57	113	98026m	36.18	ng	
36) 4-Chloro-3-methylphenol	11.89	107	373131	38.68	ng	# 76
37) 2-Methylnaphthalene	12.25	142	662333	38.42	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	367695	37.47	ng	# 100
40) Hexachlorocyclopentadiene	12.57	237	249414	78.81	ng	98

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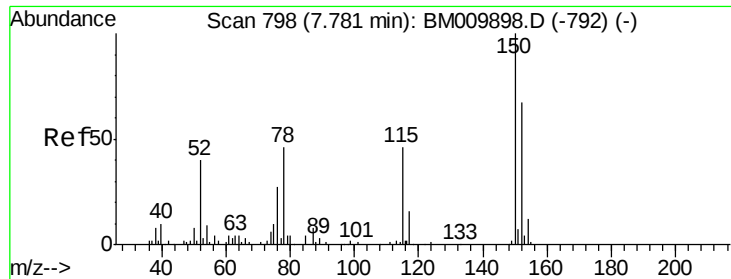
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	256315	40.42	ng	99
43) 2,4,5-Trichlorophenol	12.95	196	264027	38.70	ng #	87
45) 1,1'-Biphenyl	13.26	154	880394	37.91	ng	94
46) 2-Chloronaphthalene	13.31	162	686522	37.40	ng	96
47) 2-Nitroaniline	13.53	65	329402	37.16	ng #	68
48) Acenaphthylene	14.16	152	1115431	38.71	ng	99
49) Dimethylphthalate	13.90	163	931768	35.85	ng	98
50) 2,6-Dinitrotoluene	14.03	165	197979	39.07	ng #	53
51) Acenaphthene	14.50	154	668943	37.63	ng	100
52) 3-Nitroaniline	14.37	138	97190	17.73	ng #	47
53) 2,4-Dinitrophenol	14.59	184	204572	70.80	ng #	77
54) Dibenzofuran	14.84	168	1119701	41.18	ng	92
55) 4-Nitrophenol	14.69	139	290123	78.76	ng #	1
56) 2,4-Dinitrotoluene	14.83	165	289108	39.25	ng #	74
57) Fluorene	15.49	166	915919	38.18	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.07	232	233070	44.61	ng #	100
59) Diethylphthalate	15.26	149	976649	35.18	ng	97
60) 4-Chlorophenyl-phenylether	15.48	204	482366	37.89	ng	98
61) 4-Nitroaniline	15.54	138	186747	34.01	ng #	14
62) Azobenzene	15.77	77	1339427	43.31	ng	80
64) 4,6-Dinitro-2-methylphenol	15.60	198	151683	37.02	ng #	81
65) n-Nitrosodiphenylamine	15.70	169	794971	39.55	ng	97
66) 4-Bromophenyl-phenylether	16.37	248	290931	39.21	ng #	87
67) Hexachlorobenzene	16.49	284	316937	37.50	ng #	82
68) Atrazine	16.66	200	301790	39.20	ng	98
69) Pentachlorophenol	16.85	266	290026	76.49	ng	97
70) Phenanthrene	17.23	178	1427479	38.88	ng	100
71) Anthracene	17.33	178	1455708	39.31	ng	99
72) Carbazole	17.60	167	1302757	38.81	ng	100
73) Di-n-butylphthalate	18.14	149	1702634	35.31	ng #	96
74) Fluoranthene	19.26	202	1681732	36.29	ng	98
76) Benzidine	19.44	184	802514	35.67	ng	100
77) Pyrene	19.62	202	1730703	38.85	ng	99
79) Butylbenzylphthalate	20.50	149	787344	36.65	ng #	67
80) Benzo(a)anthracene	21.36	228	1768762	39.38	ng	99
81) 3,3'-Dichlorobenzidine	21.30	252	338081	18.94	ng	99
82) Chrysene	21.42	228	1546039	36.61	ng	97
83) Bis(2-ethylhexyl)phthalate	21.27	149	1151874	34.86	ng	95
84) Di-n-octyl phthalate	22.16	149	1944259	33.89	ng #	82
85) Indeno(1,2,3-cd)pyrene	26.04	276	1912640	40.17	ng #	100
87) Benzo(b)fluoranthene	22.99	252	1691901	39.67	ng #	96
88) Benzo(k)fluoranthene	23.03	252	1644772	39.66	ng	98
89) Benzo(a)pyrene	23.59	252	1633100	40.81	ng	99
90) Dibenzo(a,h)anthracene	26.04	278	1630821	40.62	ng #	95
91) Benzo(g,h,i)perylene	26.76	276	1513458	40.19	ng #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.78 min Scan# 798

Delta R.T. 0.00 min

Lab File: BM009907.D

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Instrument :

BNA_M

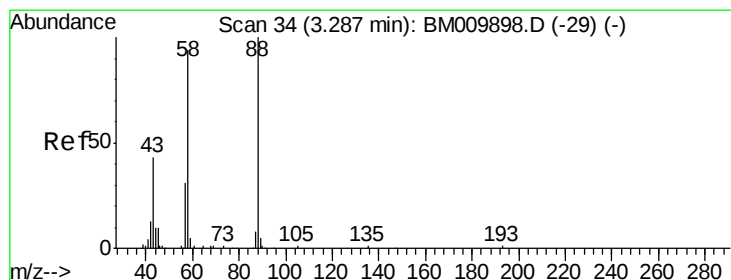
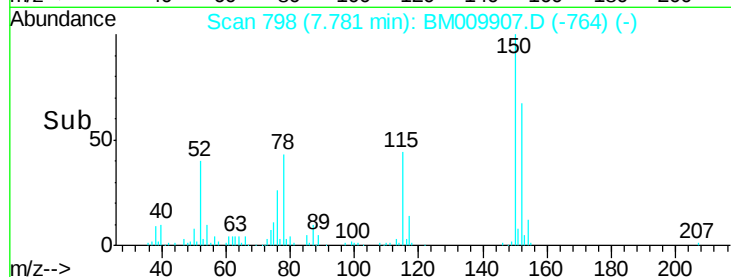
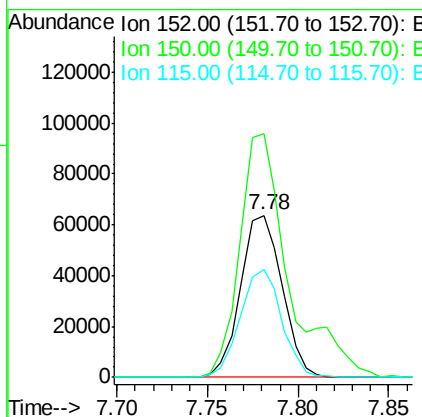
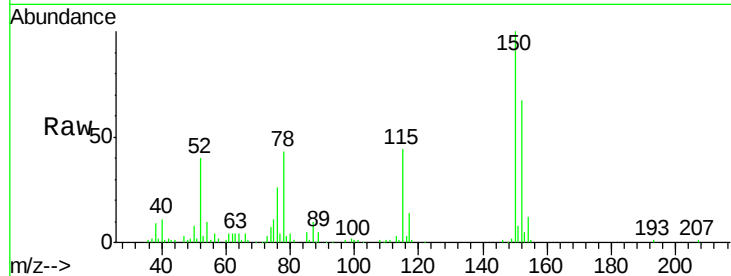
ClientSampleId :

PB98666BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.2	119.5	179.3
115	66.2	43.0	64.4

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#2

1,4-Dioxane

Concen: 27.47 ng

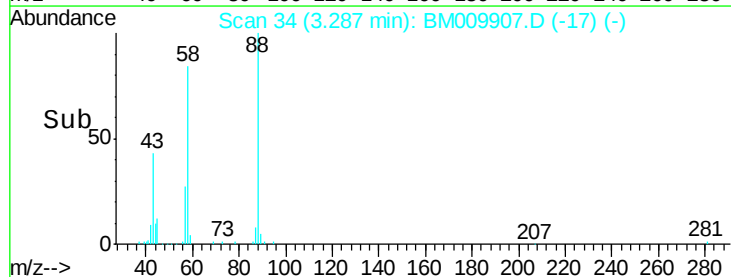
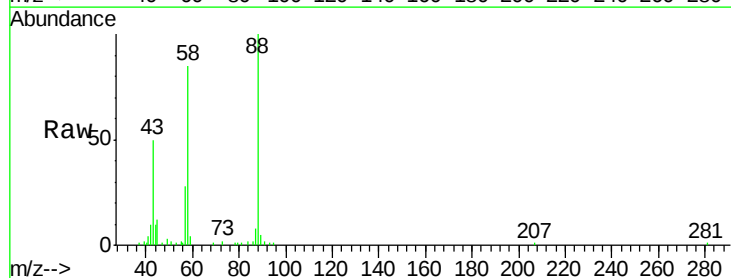
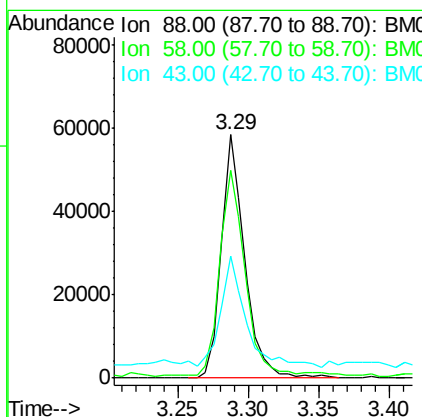
RT: 3.29 min Scan# 34

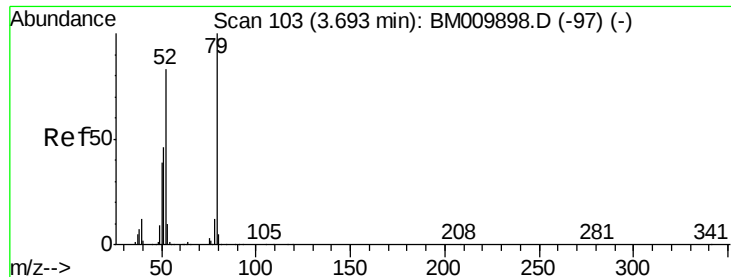
Delta R.T. 0.00 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.3	0.0	0.0
43	49.1	0.0	0.0





#3

Pyridine

Concen: 28.63 ng

RT: 3.69 min Scan# 102

Delta R.T. -0.01 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Instrument :

BNA_M

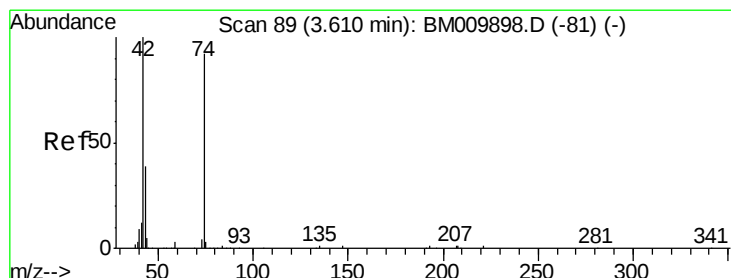
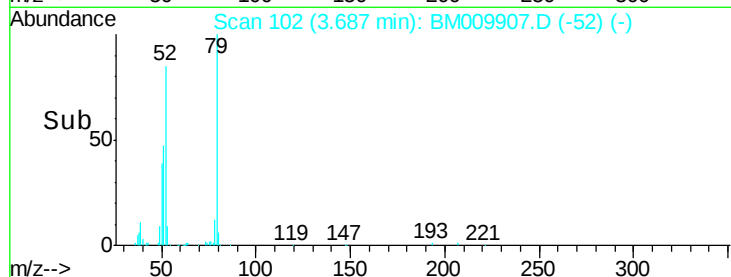
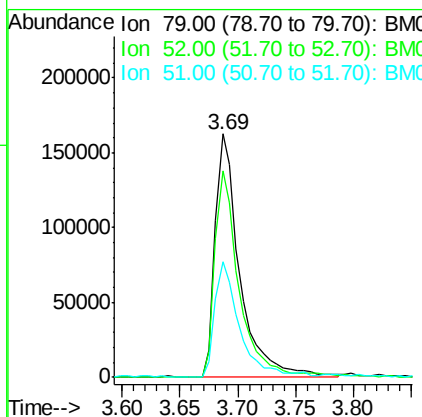
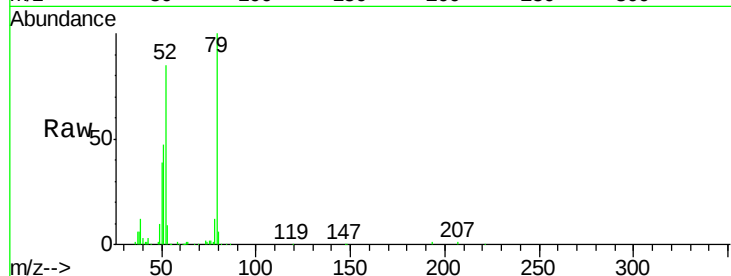
ClientSampleId :

PB98666BSD

Tgt Ion:	79	Resp:	241847
Ion Ratio	Lower	Upper	
79	100		
52	84.9	51.1	76.7#
51	47.2	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 34.47 ng

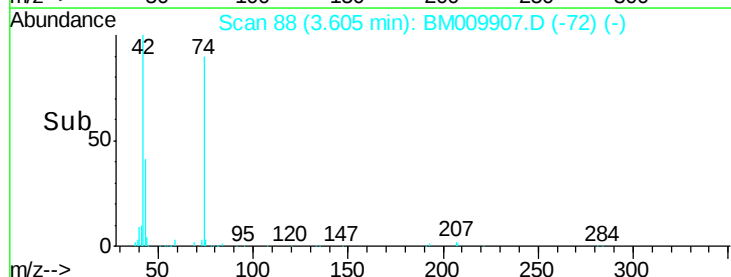
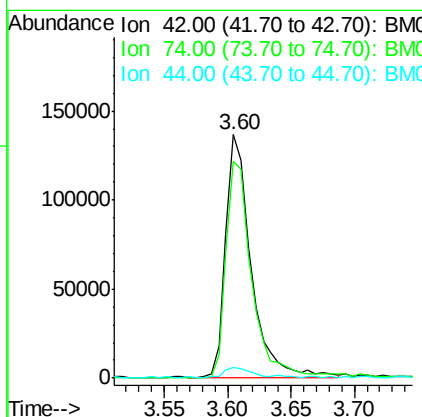
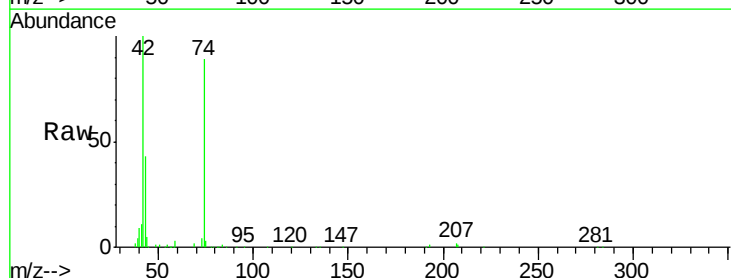
RT: 3.60 min Scan# 88

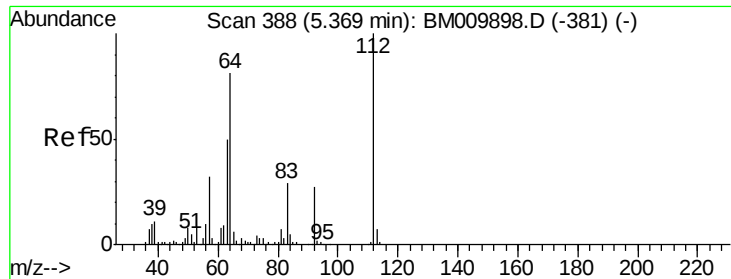
Delta R.T. -0.01 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Tgt Ion:	42	Resp:	189921
Ion Ratio	Lower	Upper	
42	100		
74	89.2	119.3	178.9#
44	4.5	5.4	8.2#





#5

2-Fluorophenol

Concen: 133.88 ng

RT: 5.37 min Scan# 388

Delta R.T. 0.00 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Instrument :

BNA_M

ClientSampleId :

PB98666BSD

Tgt Ion: 112 Resp: 856237
Ion Ratio Lower Upper

112 100

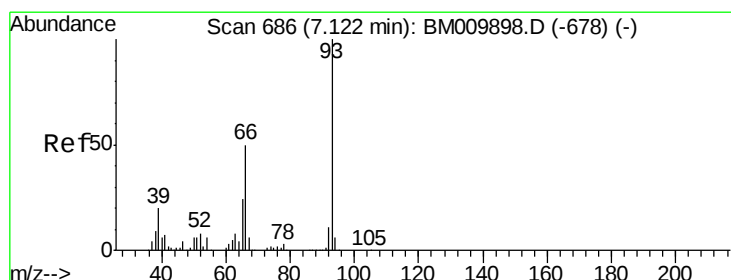
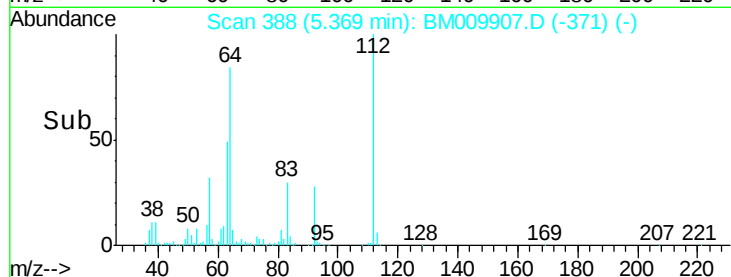
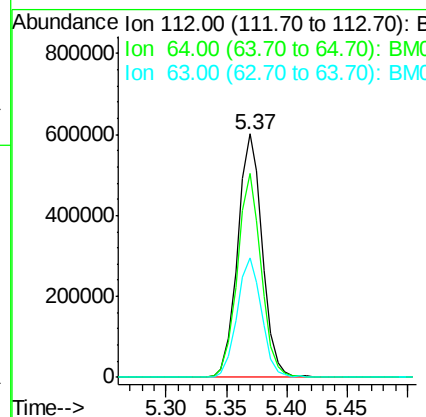
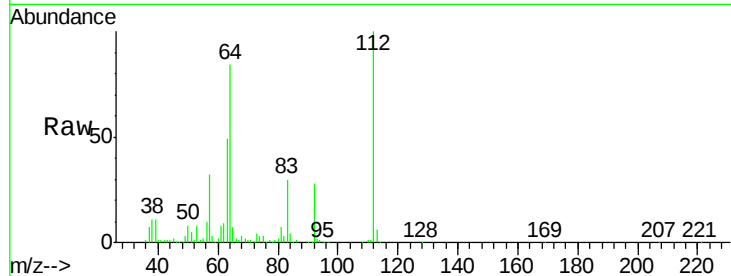
64 83.6 38.6 57.8#

63 49.2 19.3 28.9#

Manual Integrations
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#6

Aniline

Concen: 22.89 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM009907.D

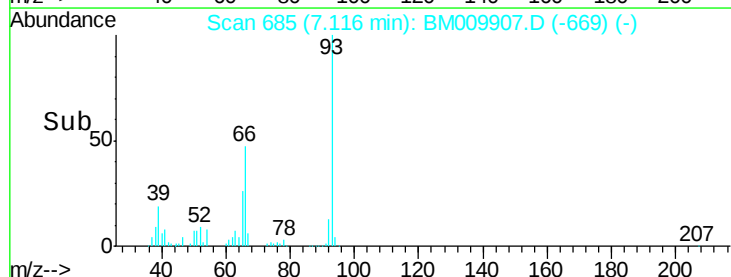
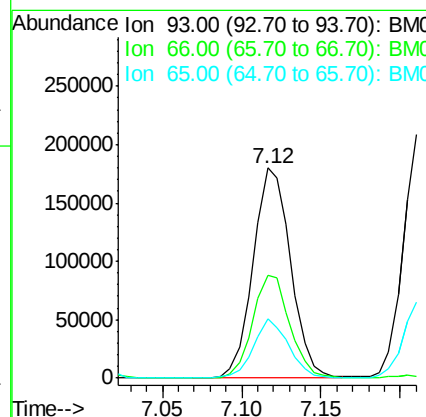
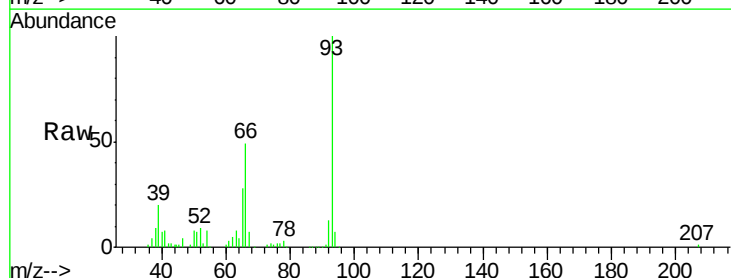
Acq: 05 May 2017 18:03

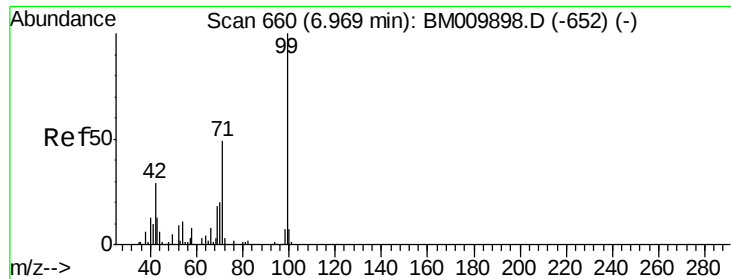
Tgt Ion: 93 Resp: 296730
Ion Ratio Lower Upper

93 100

66 48.8 30.8 46.2#

65 28.0 16.0 24.0#





#7

Phenol-d6

Concen: 130.41 ng

RT: 6.97 min Scan# 660

Delta R.T. 0.00 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Instrument :

BNA_M

ClientSampleId :

PB98666BSD

Tgt Ion: 99 Resp: 1278553

Ion Ratio Lower Upper

99 100

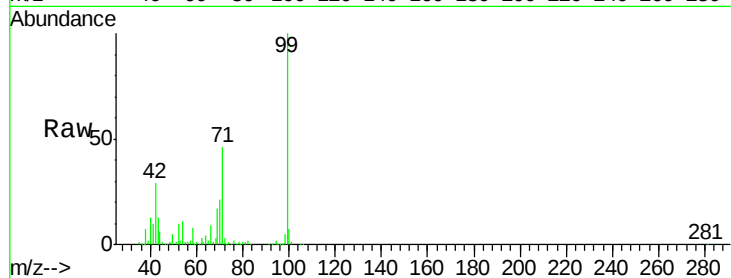
42 28.5 11.0 16.4#

71 46.4 23.4 35.2#

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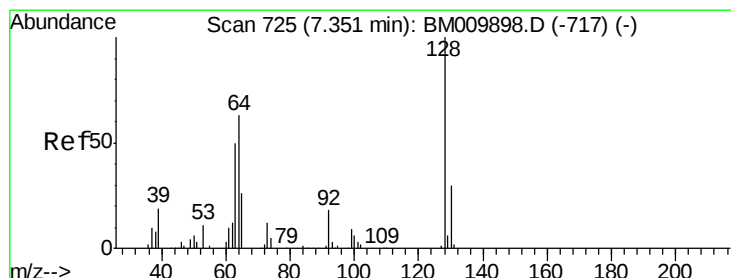
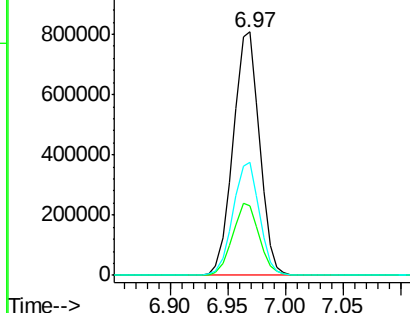
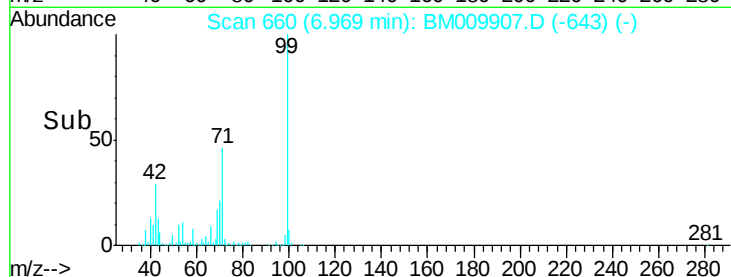
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Abundance Ion 99.00 (98.70 to 99.70): BM009907.D (-643) (-)

Ion 42.00 (41.70 to 42.70): BM009907.D (-643) (-)

Ion 71.00 (70.70 to 71.70): BM009907.D (-643) (-)



#8

2-Chlorophenol

Concen: 42.11 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

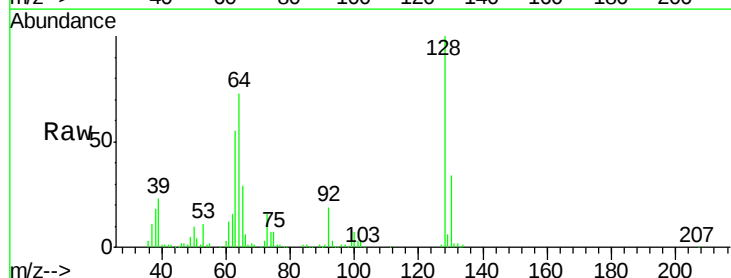
Tgt Ion: 128 Resp: 299826

Ion Ratio Lower Upper

128 100

130 34.0 12.0 52.0

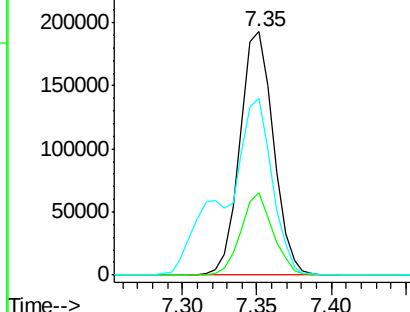
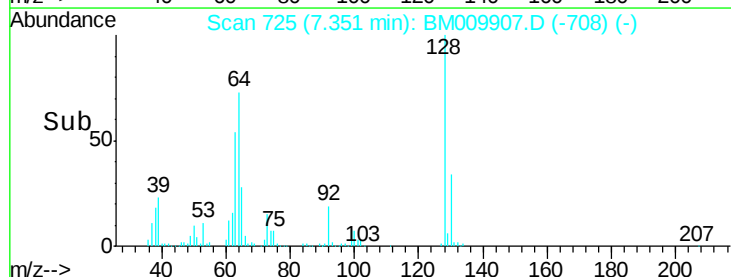
64 72.7 24.9 64.9#

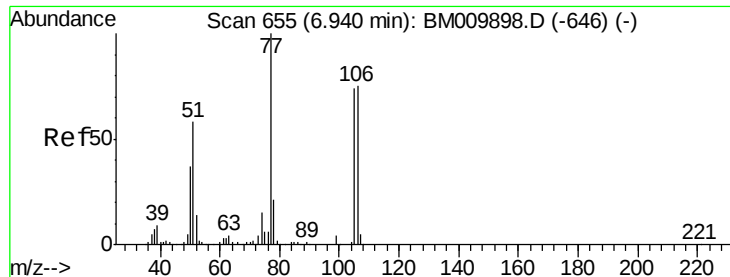


Abundance Ion 128.00 (127.70 to 128.70): BM009907.D (-708) (-)

Ion 130.00 (129.70 to 130.70): BM009907.D (-708) (-)

Ion 64.00 (63.70 to 64.70): BM009907.D (-708) (-)





#9

Benzaldehyde

Concen: 8.88 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Instrument :

BNA_M

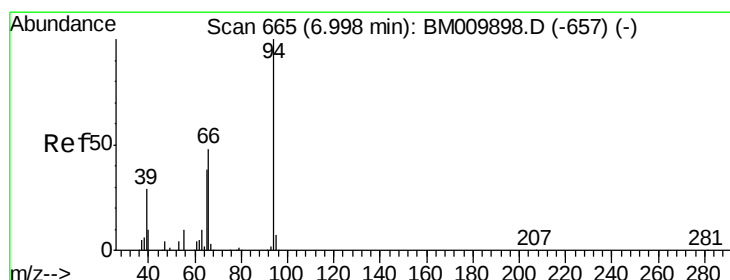
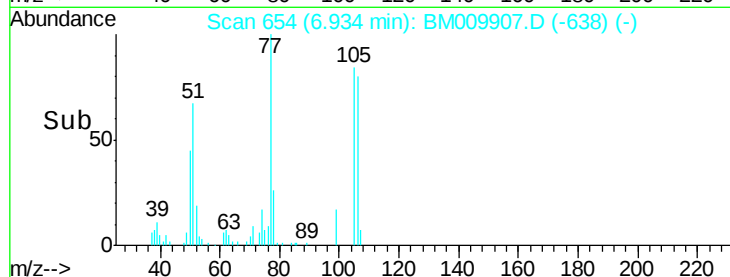
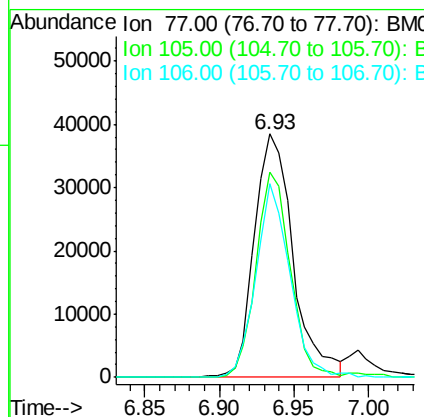
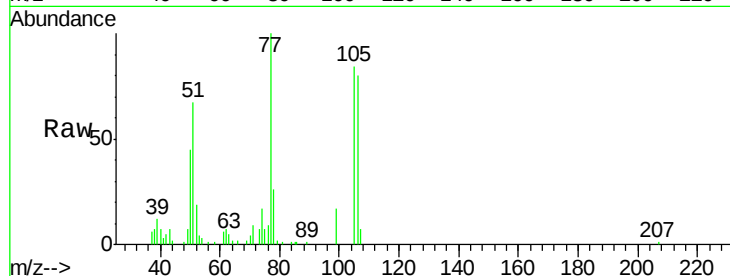
ClientSampleId :

PB98666BSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	84.1	78.8	118.8
106	79.8	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 43.39 ng

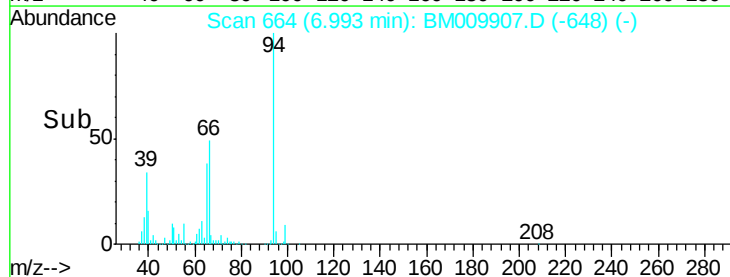
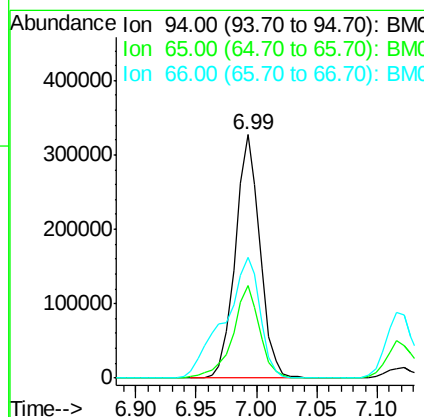
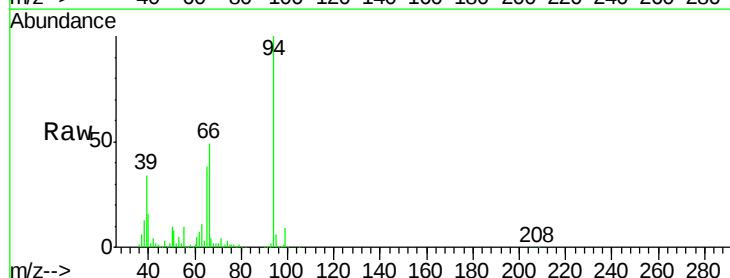
RT: 6.99 min Scan# 664

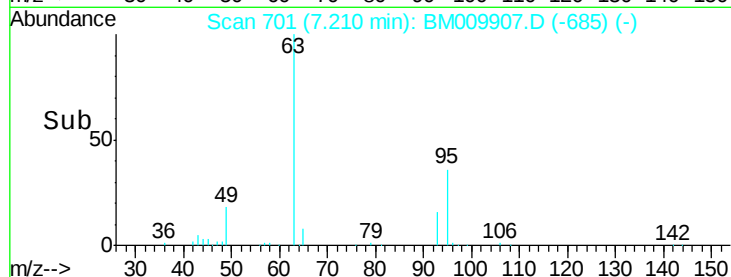
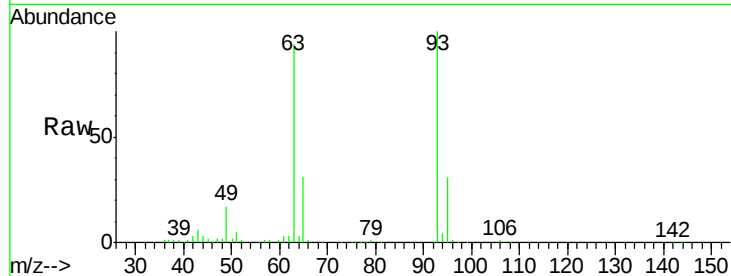
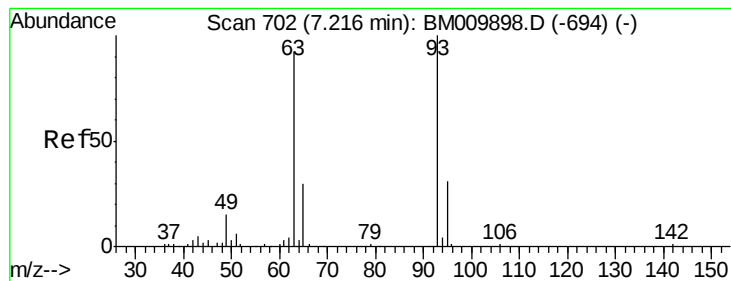
Delta R.T. -0.01 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.1	18.8	58.8
66	49.4	39.9	79.9





#11

bis(2-Chloroethyl)ether

Concen: 35.47 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Tgt Ion:	93	Resp:	302998
Ion Ratio	Lower	Upper	
93	100		
63	93.8	49.5	89.5#
95	31.4	13.5	53.5

Instrument :

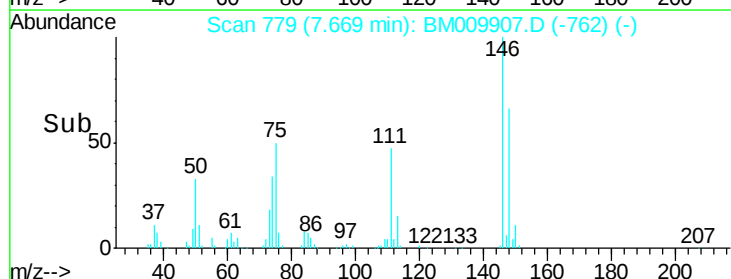
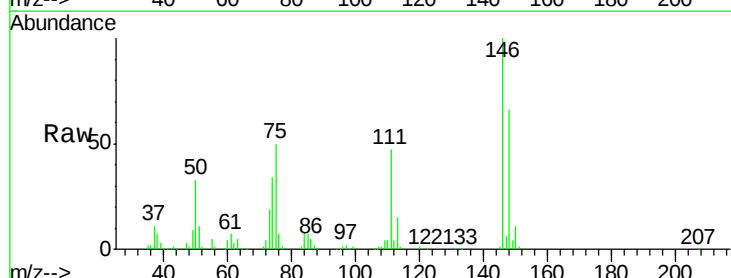
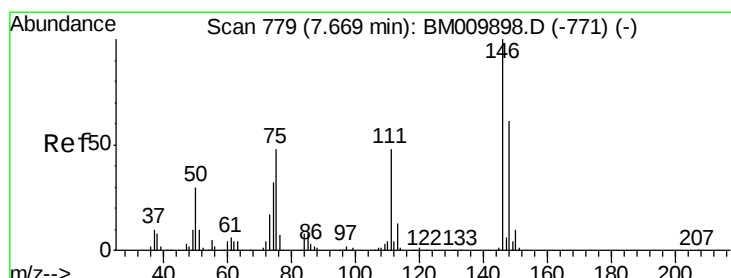
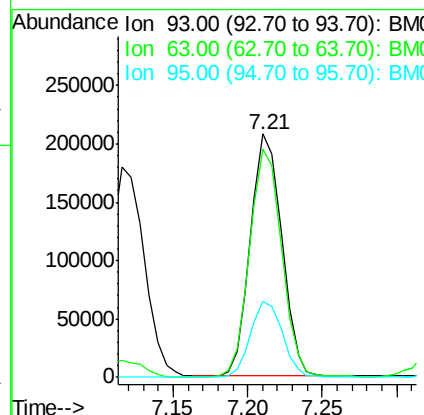
BNA_M

ClientSampleId :

PB98666BSD

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#12

1,3-Dichlorobenzene

Concen: 34.21 ng

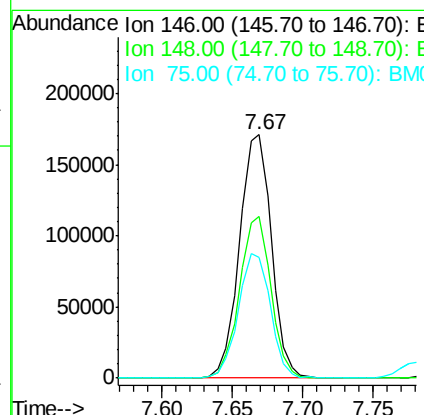
RT: 7.67 min Scan# 779

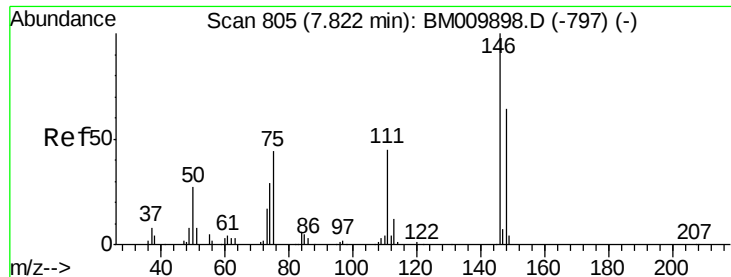
Delta R.T. 0.00 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Tgt Ion:	146	Resp:	269923
Ion Ratio	Lower	Upper	
146	100		
148	66.4	50.9	76.3
75	49.5	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 34.06 ng

RT: 7.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Instrument :

BNA_M

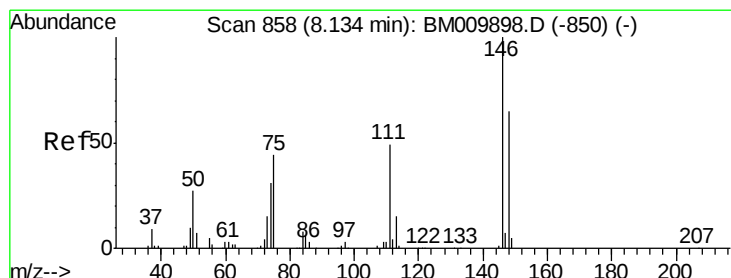
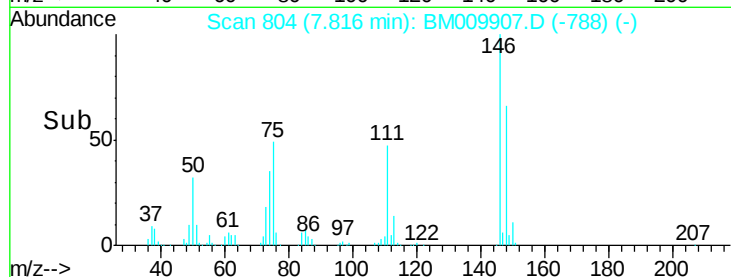
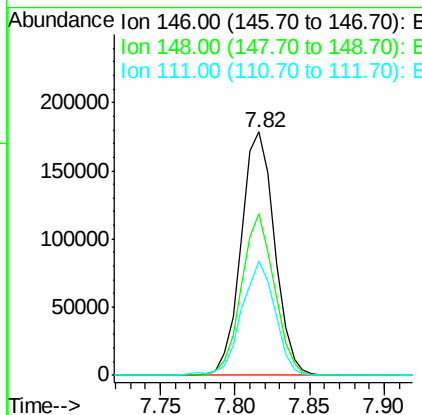
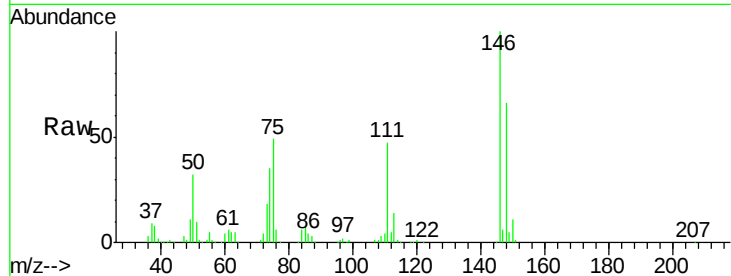
ClientSampleId :

PB98666BSD

Tgt Ion:	146	Resp:	277010
Ion Ratio	Lower	Upper	
146	100		
148	66.2	51.9	77.9
111	47.0	29.2	43.8#

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#14

1,2-Dichlorobenzene

Concen: 35.22 ng

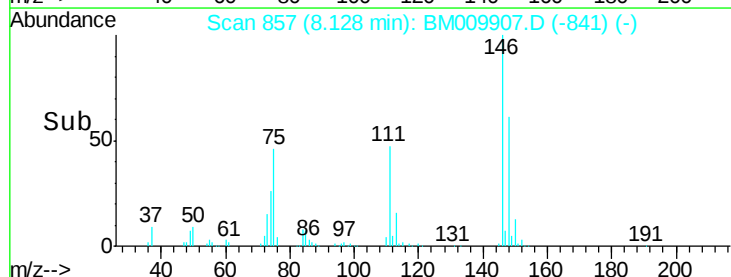
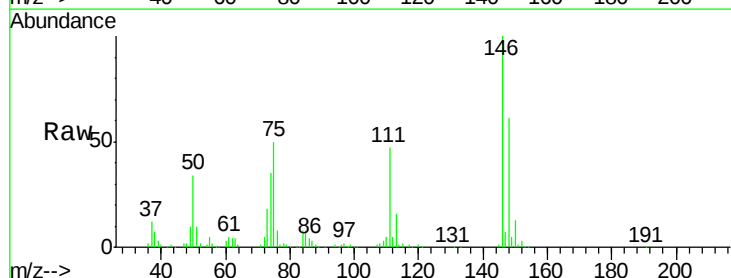
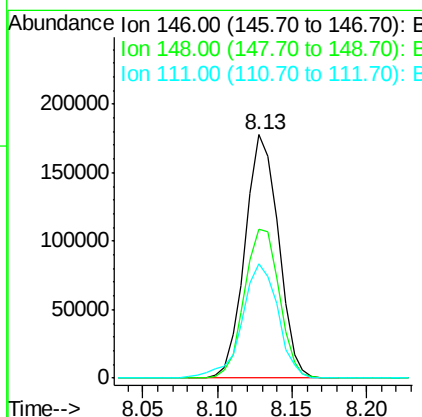
RT: 8.13 min Scan# 857

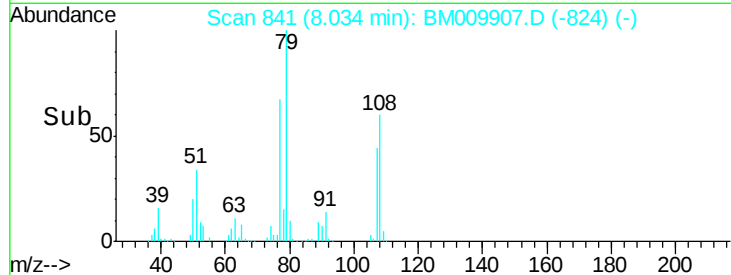
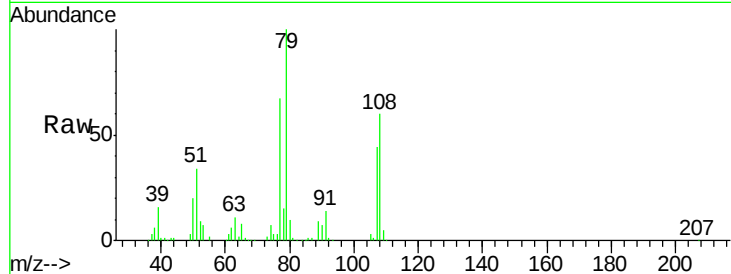
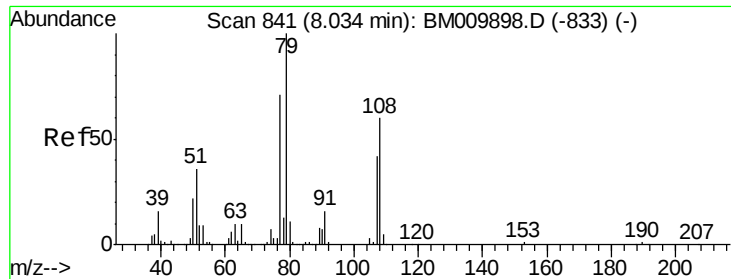
Delta R.T. -0.01 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Tgt Ion:	146	Resp:	275317
Ion Ratio	Lower	Upper	
146	100		
148	61.4	52.3	78.5
111	46.7	30.6	45.8#





#15

Benzyl Alcohol

Concen: 41.91 ng

RT: 8.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Tgt Ion:	79	Resp:	380512
Ion Ratio	Lower	Upper	
79	100		
108	60.1	65.0	97.4#
77	66.8	53.0	79.6

Instrument :

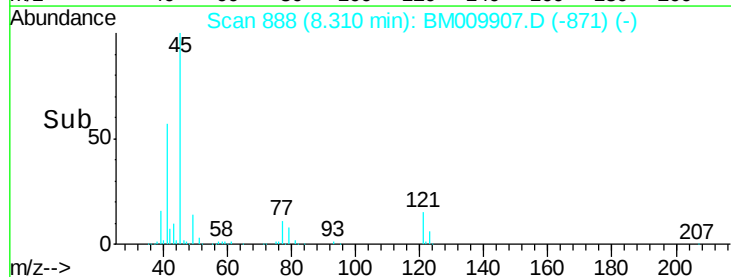
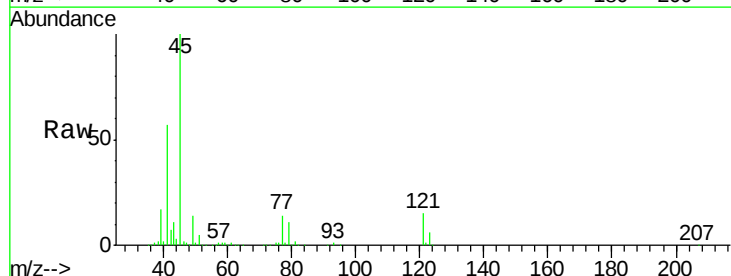
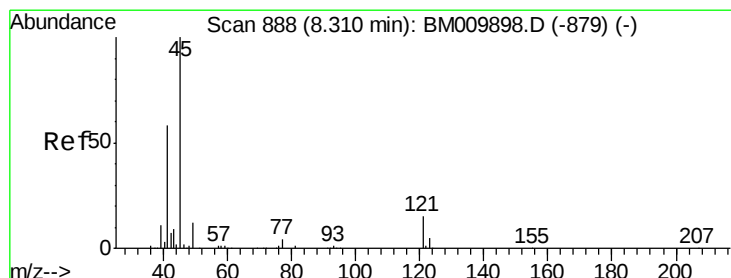
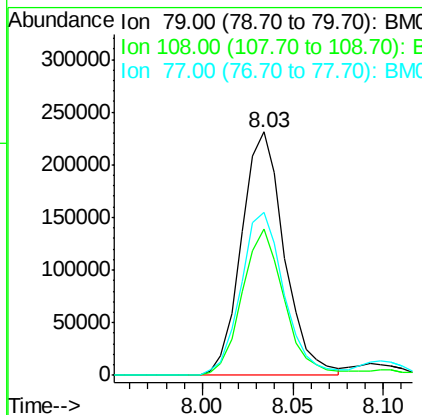
BNA_M

ClientSampleId :

PB98666BSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.87 ng

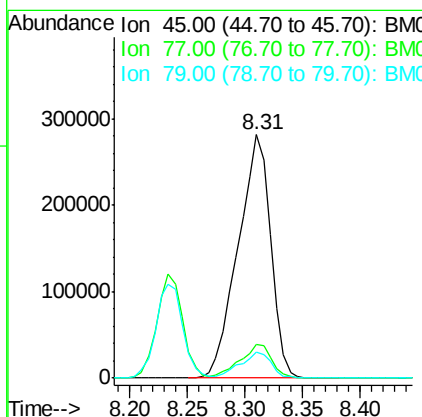
RT: 8.31 min Scan# 888

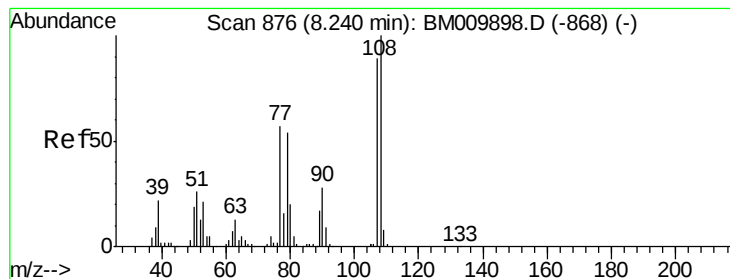
Delta R.T. 0.00 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Tgt Ion:	45	Resp:	550618
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	35.2
79	10.9	0.0	32.0





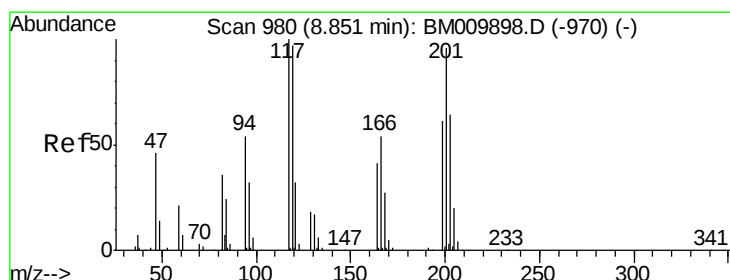
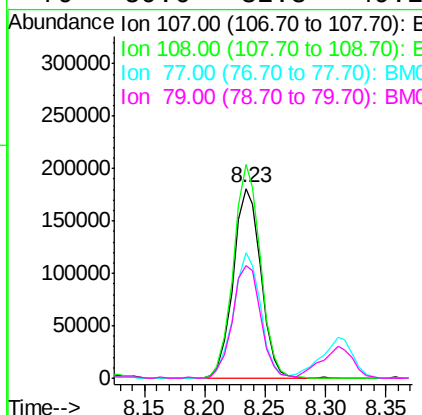
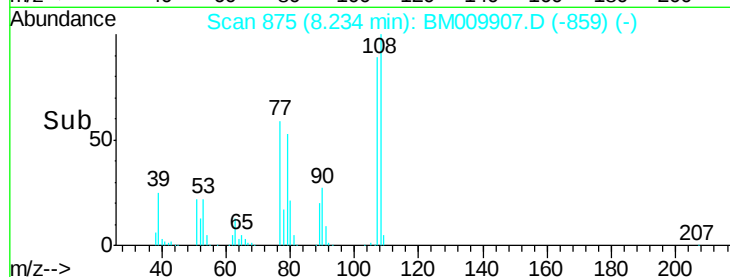
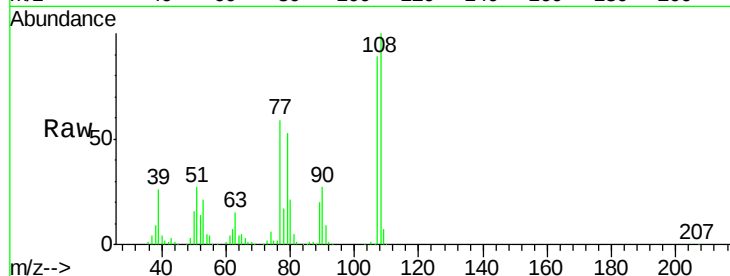
#17
2-Methylphenol
Concen: 39.95 ng
RT: 8.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	112.5	89.8	134.8
77	66.2	32.6	48.8
79	59.6	32.8	49.2

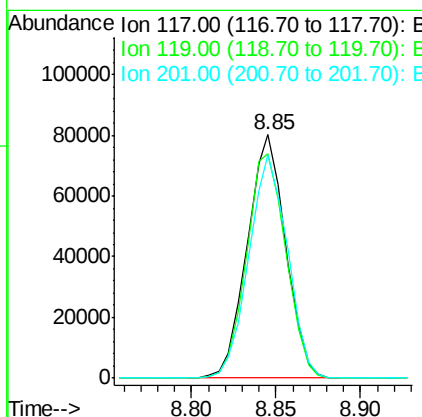
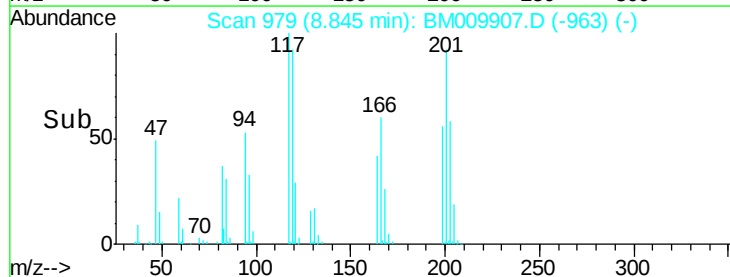
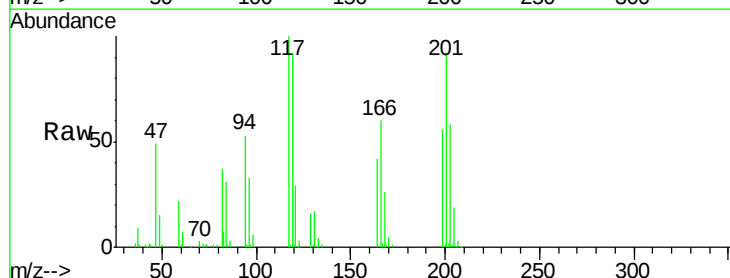
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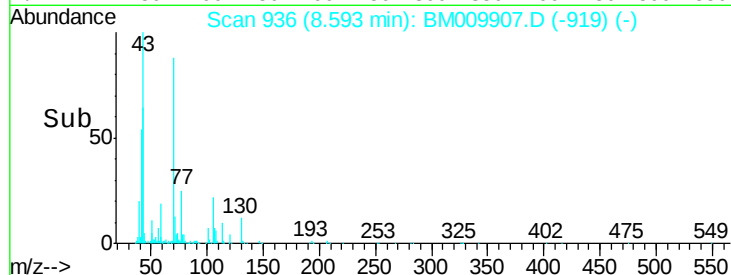
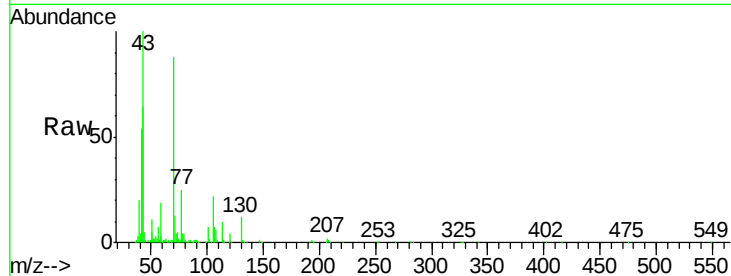
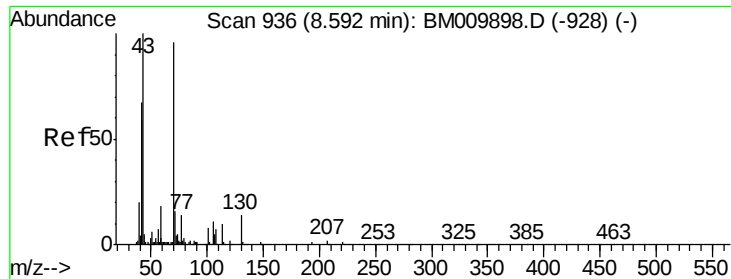
mohammad
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#18
Hexachloroethane
Concen: 35.14 ng
RT: 8.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	92.1	79.2	118.8
201	94.2	69.8	104.6





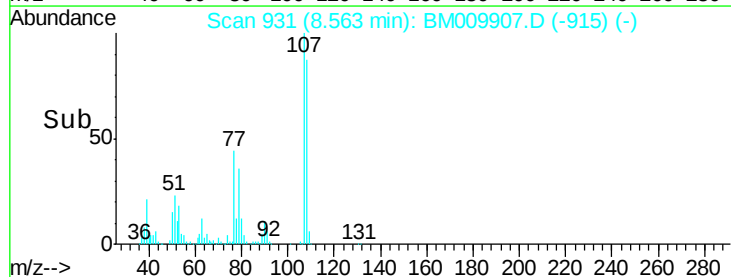
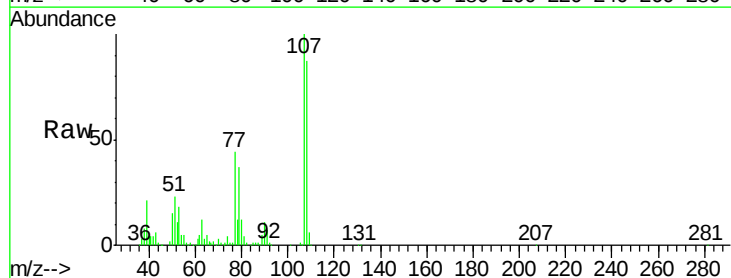
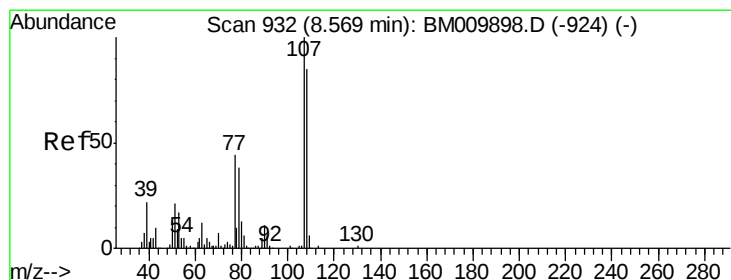
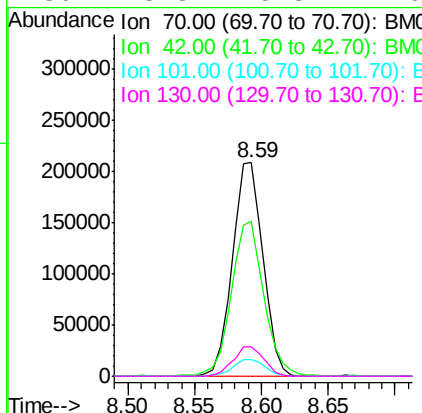
#19
n-Nitroso-di-n-propylamine
Concen: 35.80 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	72.8	44.5	66.7#
101	7.8	7.4	11.2
130	13.8	15.3	22.9#

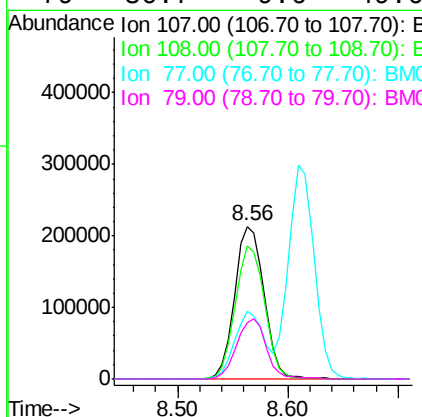
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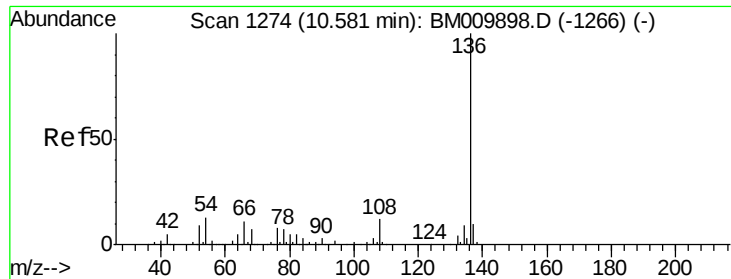
mohammad
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#20
3+4-Methylphenols
Concen: 40.37 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	73.2	113.2
77	44.1	10.7	50.7
79	36.7	9.6	49.6





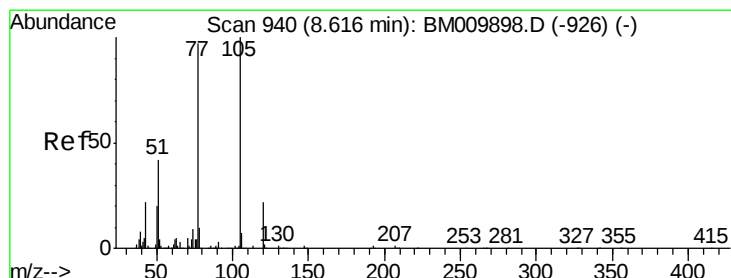
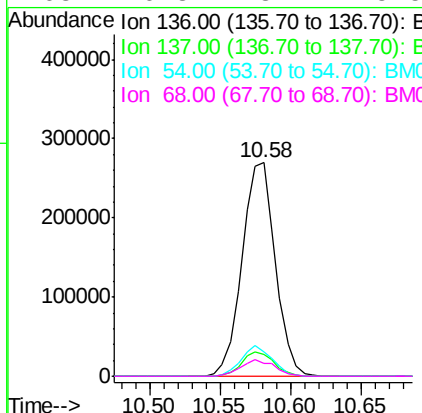
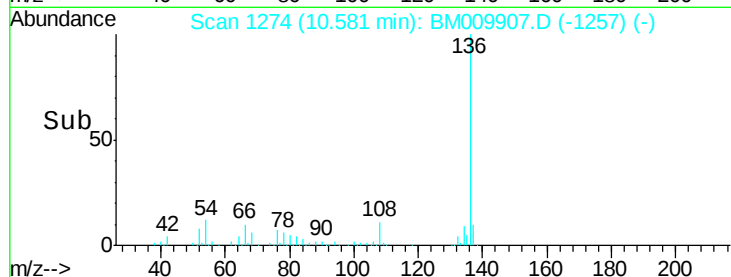
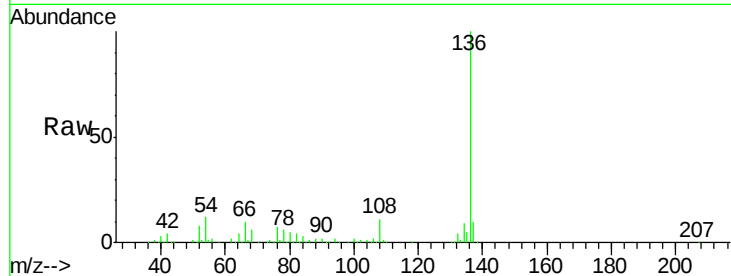
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	443884		
137	10.0	8.7	13.1	
54	11.7	4.6	6.8#	
68	6.3	3.7	5.5#	

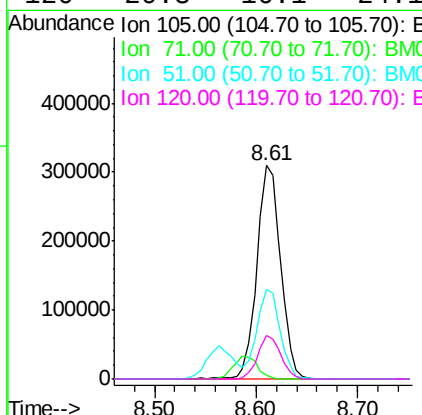
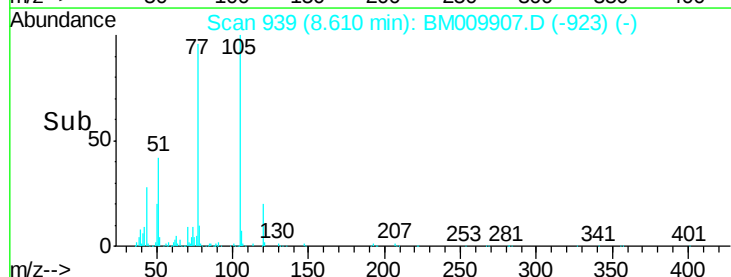
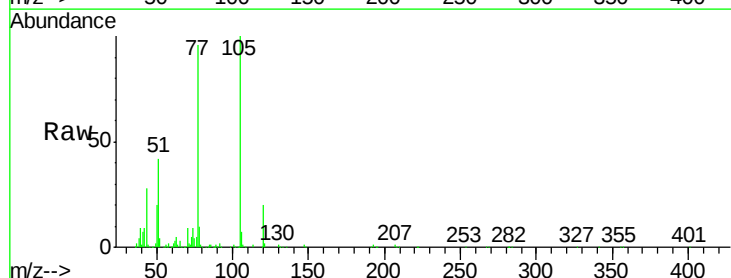
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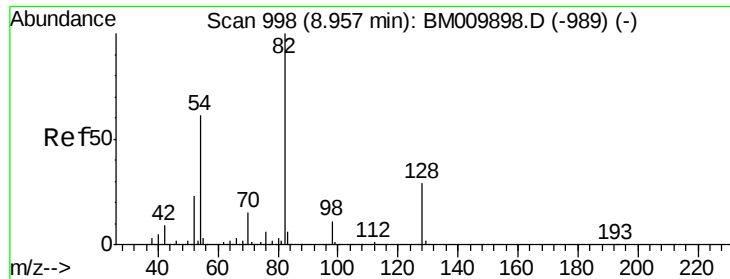
mohammad
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#22
Acetophenone
Concen: 36.27 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	503621		
71	1.6	0.6	1.0#	
51	41.9	21.6	32.4#	
120	20.3	16.1	24.1	





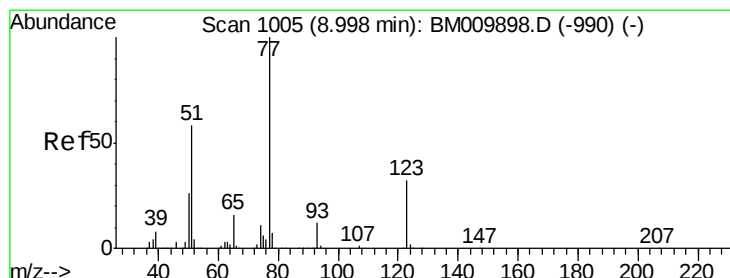
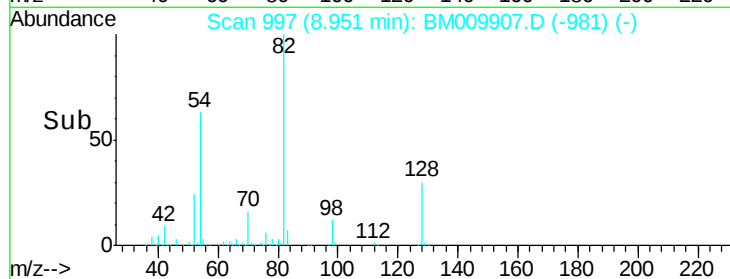
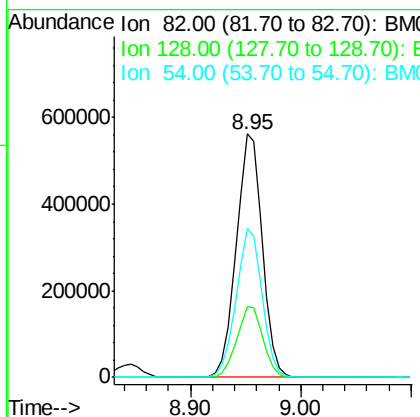
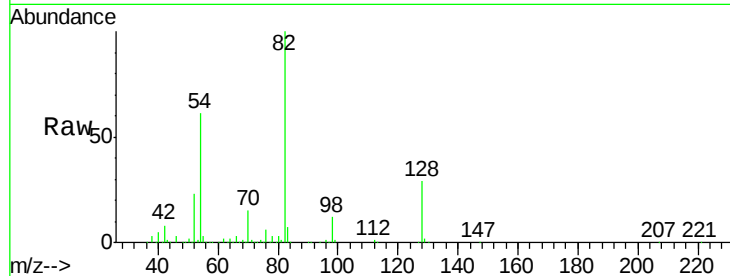
#23
 Nitrobenzene-d5
 Concen: 75.69 ng
 RT: 8.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB98666BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	928390		
128	28.9	32.8	49.2#	
54	61.3	40.6	60.8#	

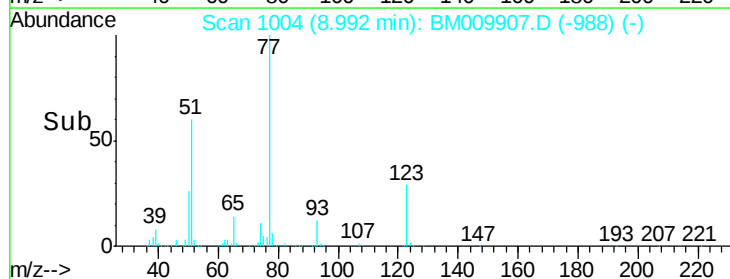
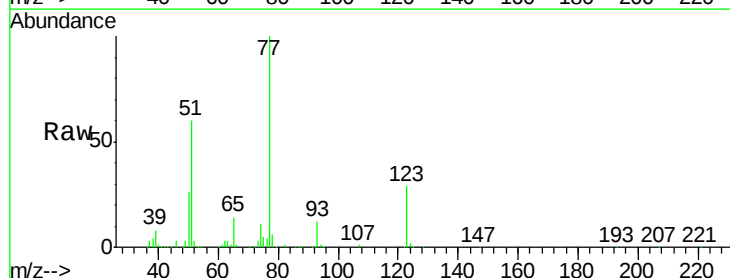
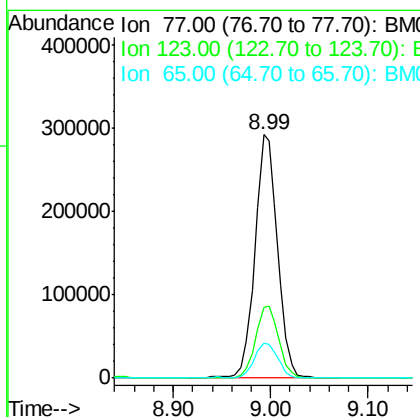
Manual Integrations
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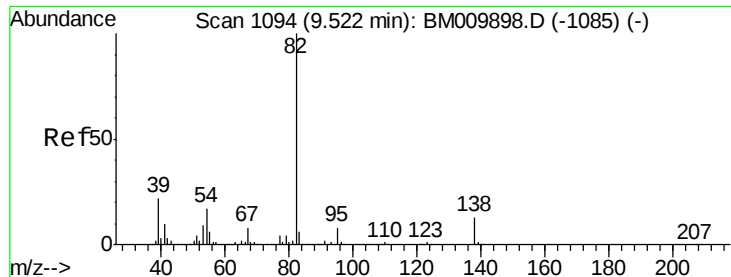
mohammad
 5/8/2017 2:49:21 PM



#24
 Nitrobenzene
 Concen: 37.51 ng
 RT: 8.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	477550		
123	28.9	32.6	49.0#	
65	14.3	10.9	16.3	





#25

Isophorone

Concen: 37.73 ng

RT: 9.52 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Instrument :

BNA_M

ClientSampleId :

PB98666BSD

Tgt Ion: 82 Resp: 816362

Ion Ratio Lower Upper

82 100

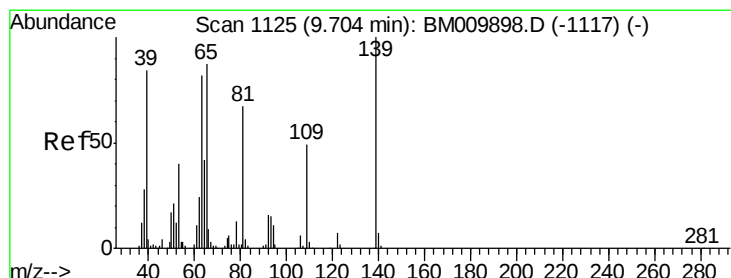
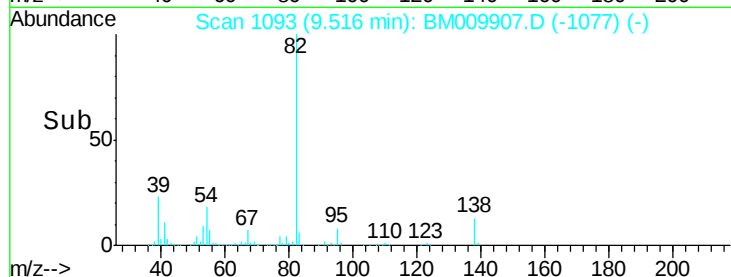
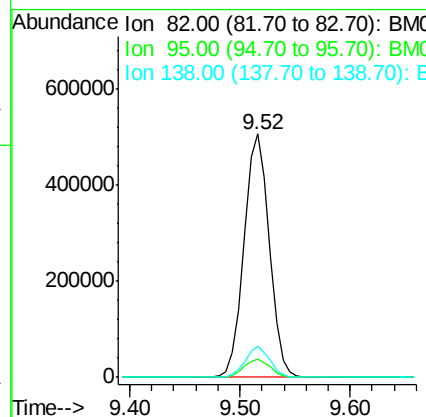
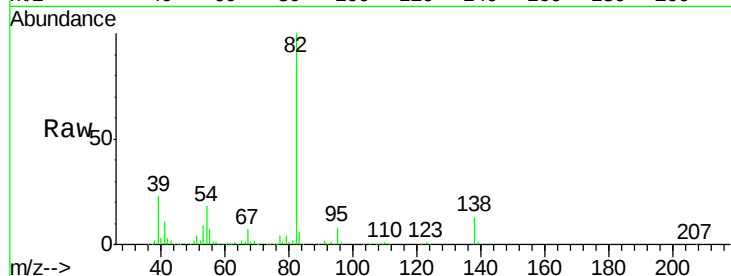
95 7.8 5.8 8.6

138 12.7 16.3 24.5#

Manual Integrations
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mohammad

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#26

2-Nitrophenol

Concen: 37.53 ng

RT: 9.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

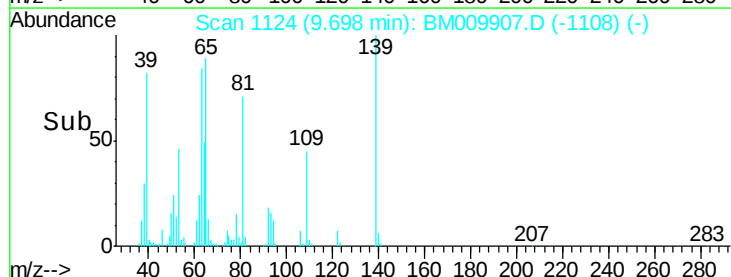
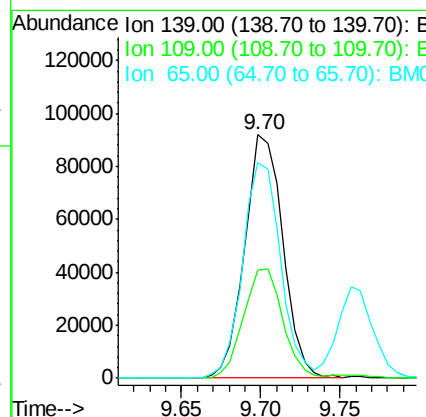
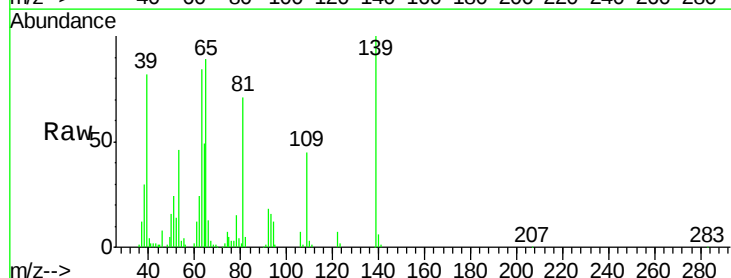
Tgt Ion: 139 Resp: 154535

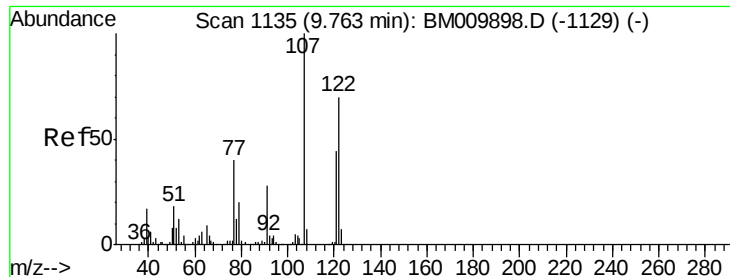
Ion Ratio Lower Upper

139 100

109 44.5 20.1 30.1#

65 88.5 31.5 47.3#





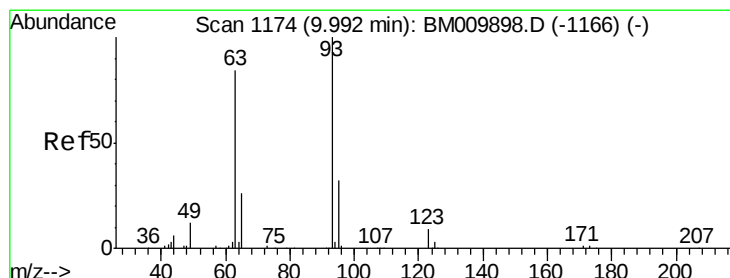
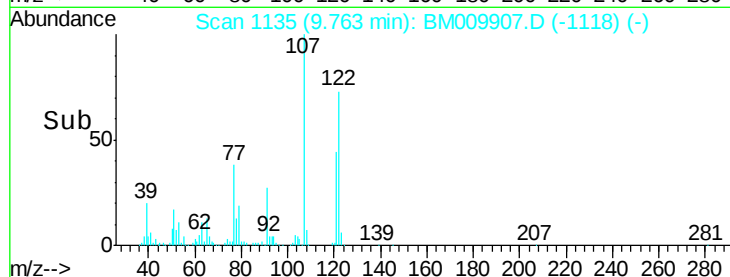
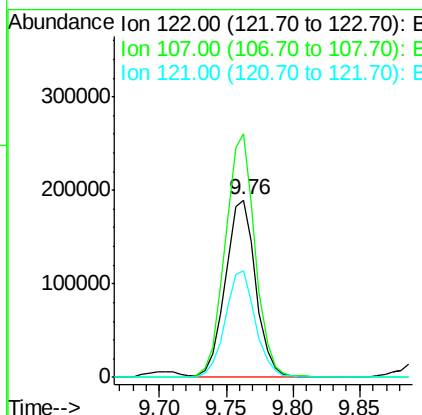
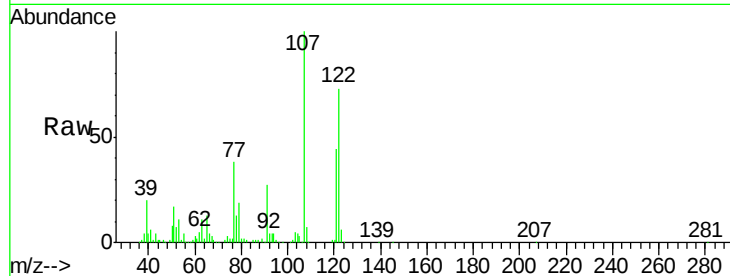
#27
 2,4-Dimethylphenol
 Concen: 40.89 ng
 RT: 9.76 min Scan# 1135
 Delta R.T. 0.00 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB98666BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	303060		
107	137.1	84.7	127.1#	
121	60.0	46.6	69.8	

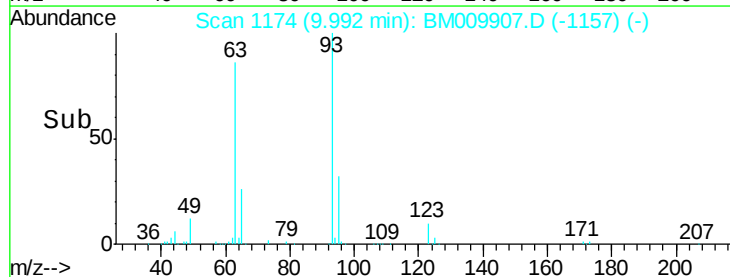
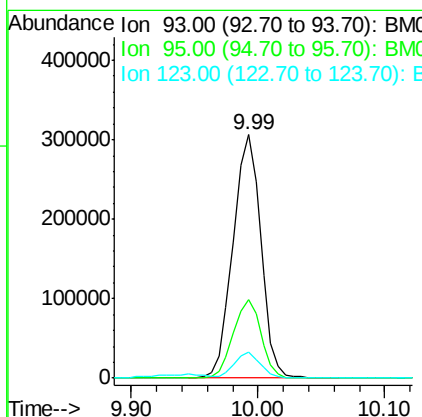
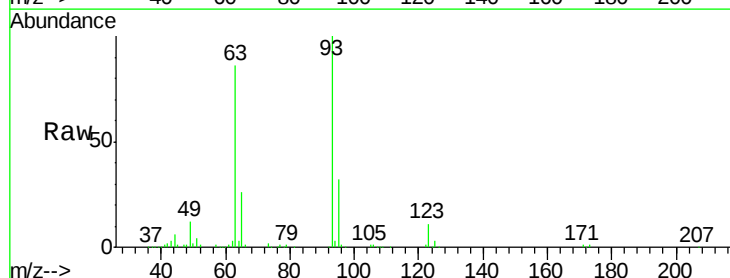
Manual Integrations
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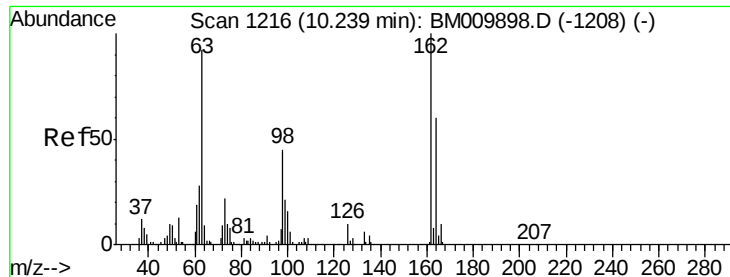
mohammad
 5/8/2017 2:49:21 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.58 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	460594		
95	32.4	25.5	38.3	
123	10.5	8.6	13.0	





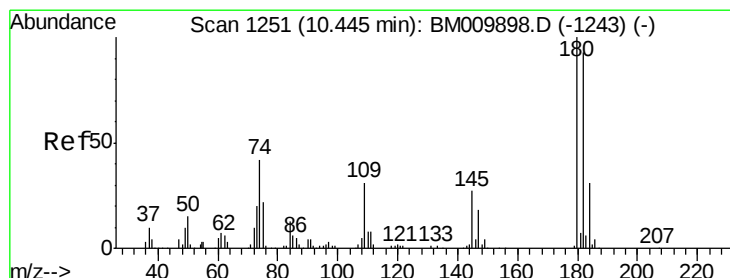
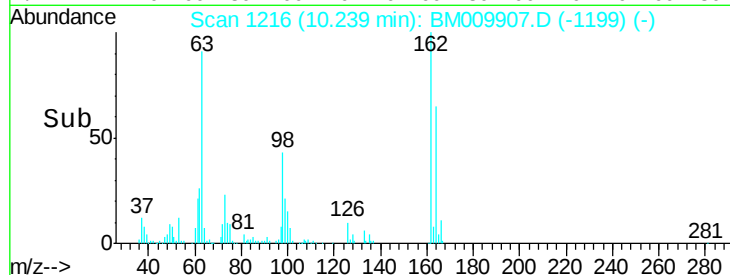
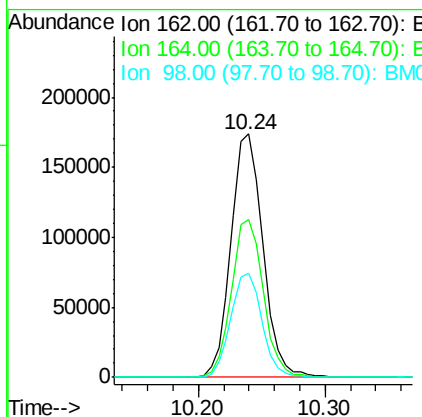
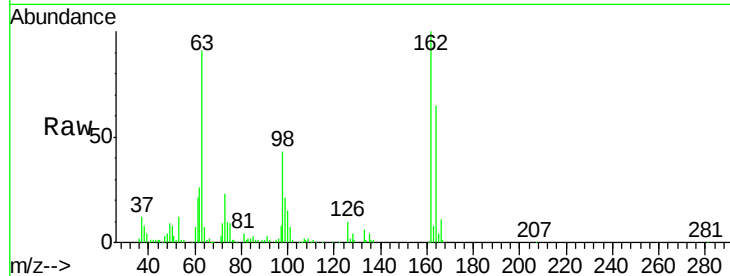
#29
2,4-Dichlorophenol
Concen: 42.69 ng
RT: 10.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	303256		
164	64.9	42.8	82.8	
98	42.8	14.5	54.5	

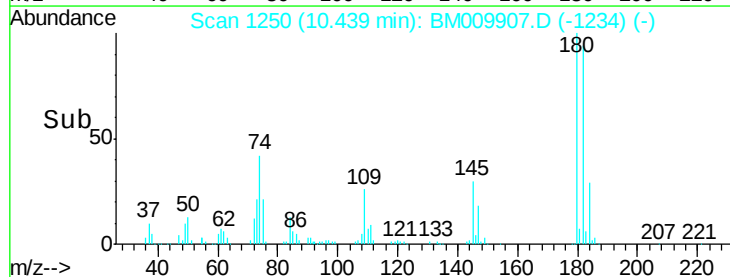
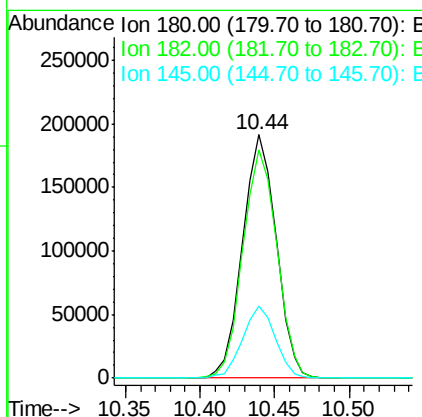
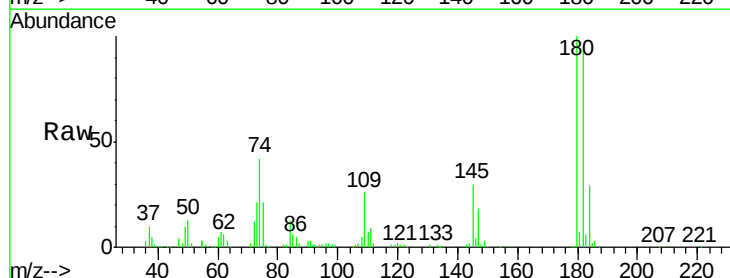
Manual Integrations
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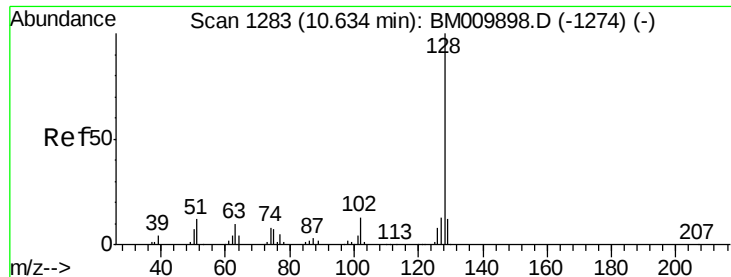
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 36.04 ng
RT: 10.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	299183		
182	93.9	77.6	116.4	
145	29.6	23.4	35.2	





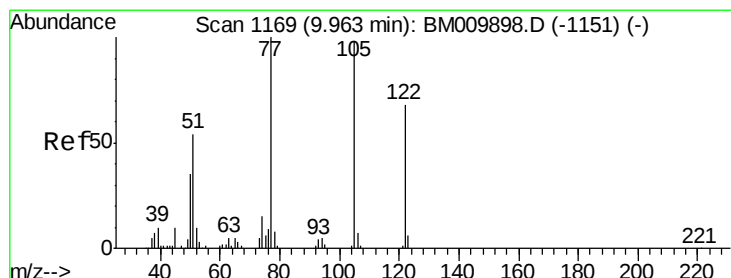
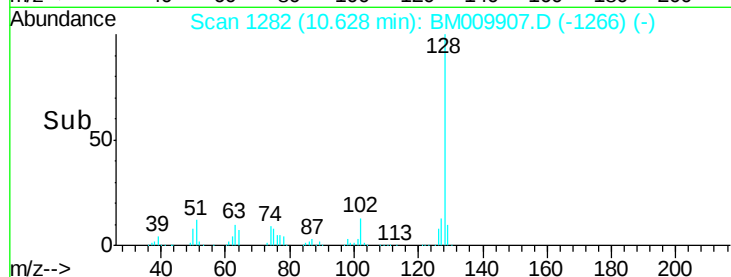
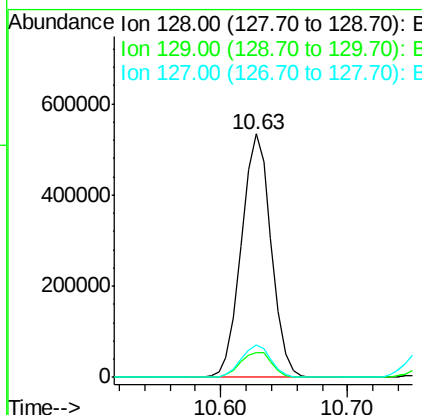
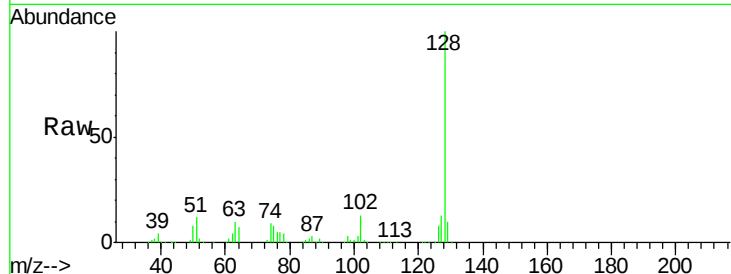
#31
Naphthalene
Concen: 35.49 ng
RT: 10.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	866259		
129	10.2		8.9	13.3
127	13.5		10.4	15.6

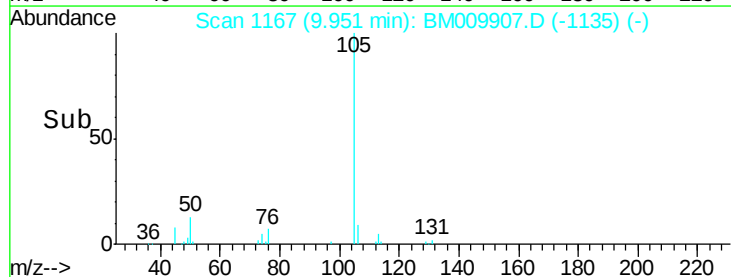
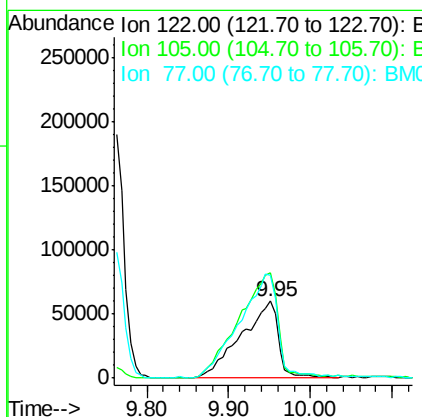
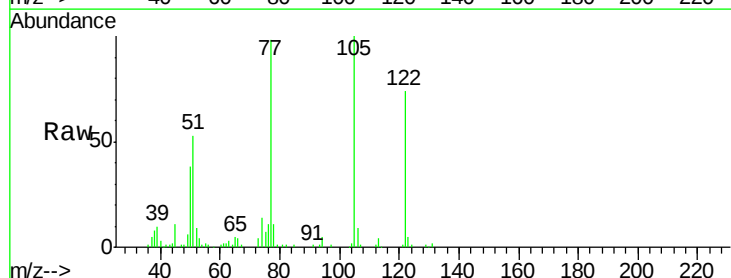
Manual Integrations
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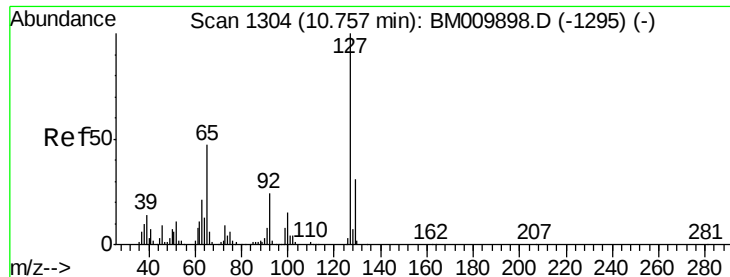
mohammad
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#32
Benzoic acid
Concen: 39.40 ng
RT: 9.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	191701		
105	136.0		99.9	139.9
77	133.6		73.7	113.7#





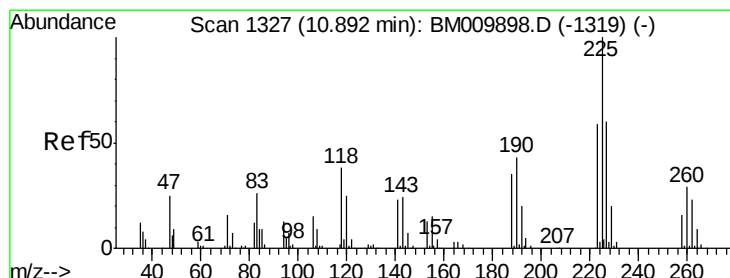
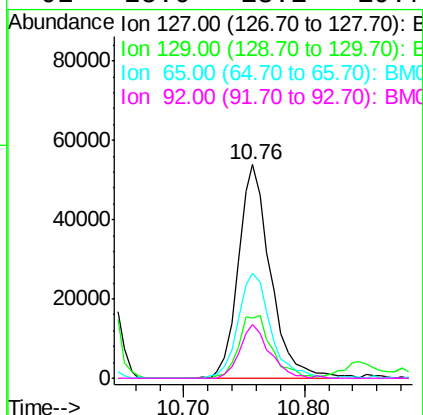
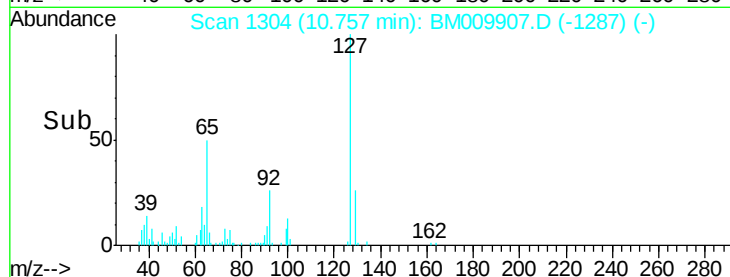
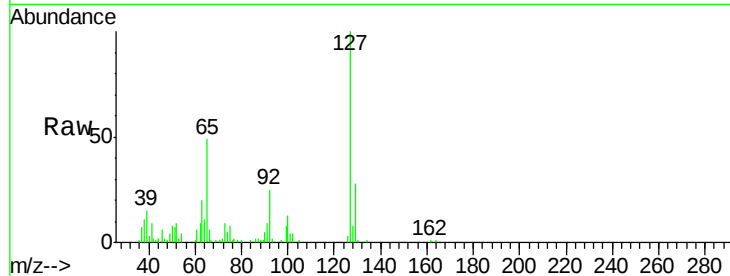
#33
4-Chloroaniline
Concen: 9.64 ng
RT: 10.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	99224		
129	28.2	25.3	37.9	
65	48.9	17.6	26.4	
92	25.0	13.1	19.7	

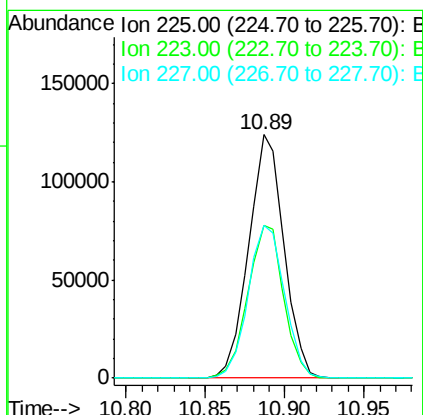
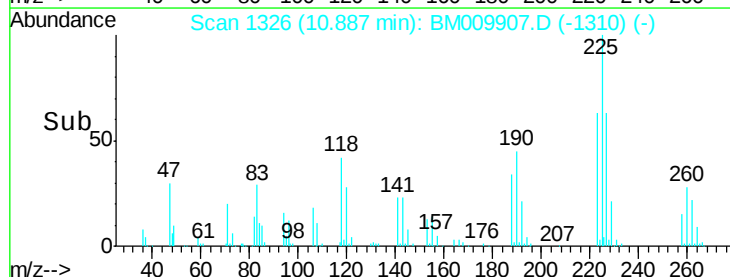
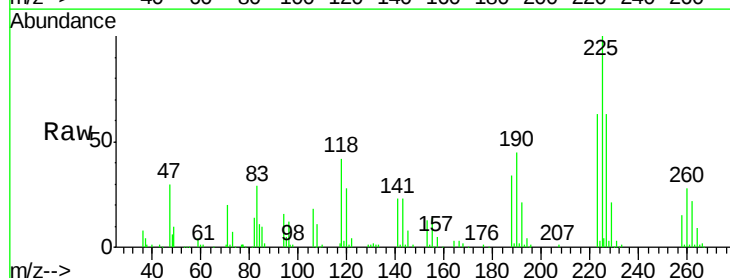
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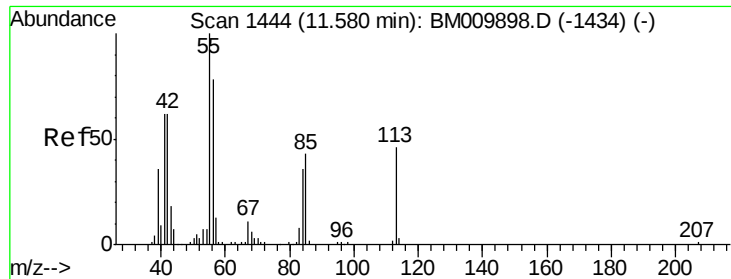
mohammad
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#34
Hexachlorobutadiene
Concen: 33.23 ng
RT: 10.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	191986		
223	62.9	47.9	71.9	
227	62.6	50.1	75.1	





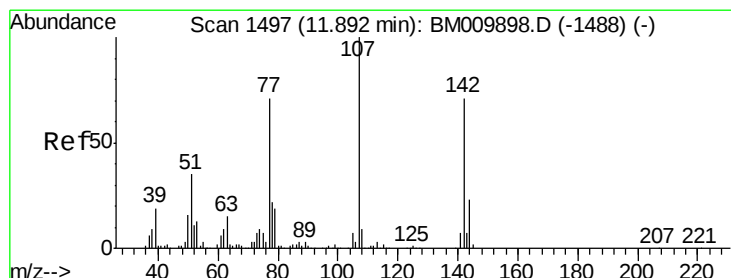
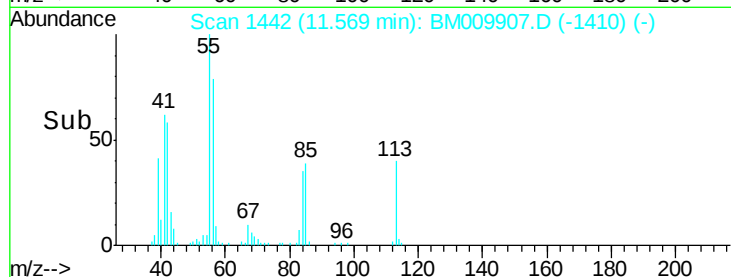
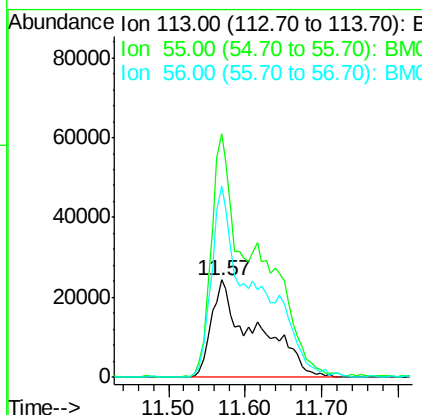
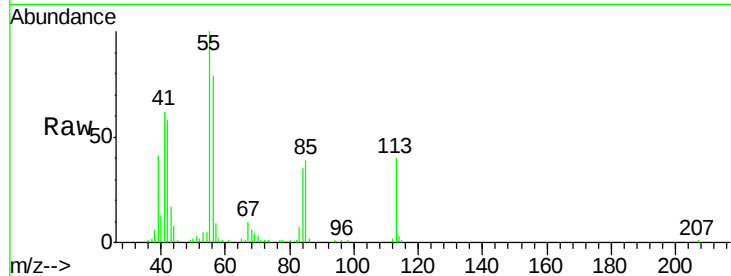
#35
 Caprolactam
 Concen: 36.18 ng m
 RT: 11.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB98666BSD

Tgt Ion:113 Resp: 98026
 Ion Ratio Lower Upper
 113 100
 55 249.8 145.9 185.9#
 56 196.5 101.0 141.0#

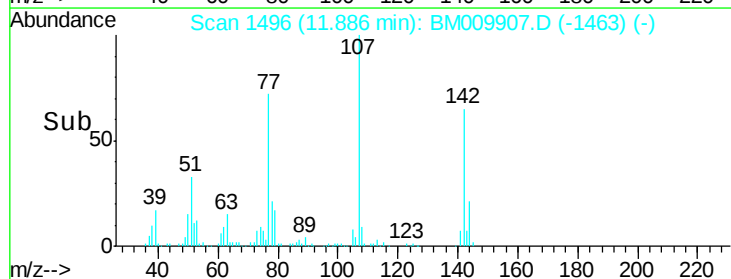
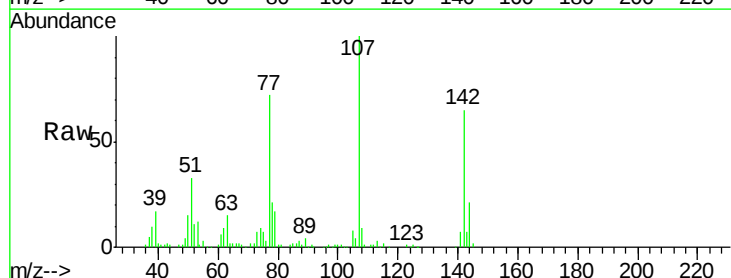
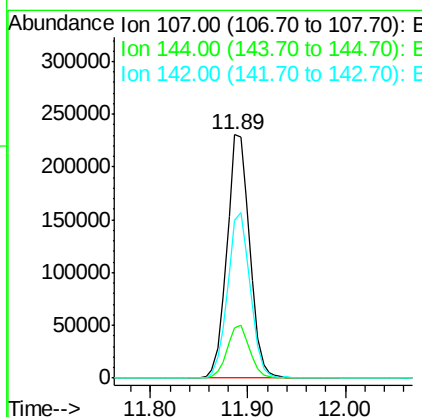
Manual Integrations
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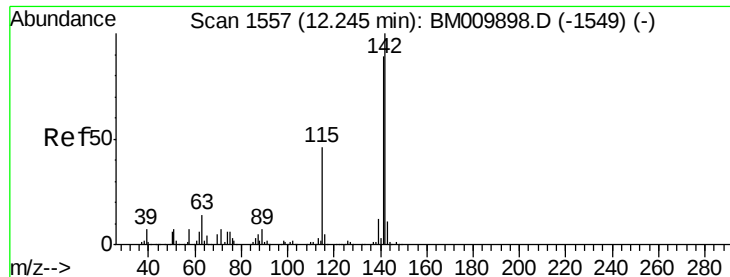
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 38.68 ng
 RT: 11.89 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Tgt Ion:107 Resp: 373131
 Ion Ratio Lower Upper
 107 100
 144 20.8 23.3 34.9#
 142 64.9 72.6 109.0#





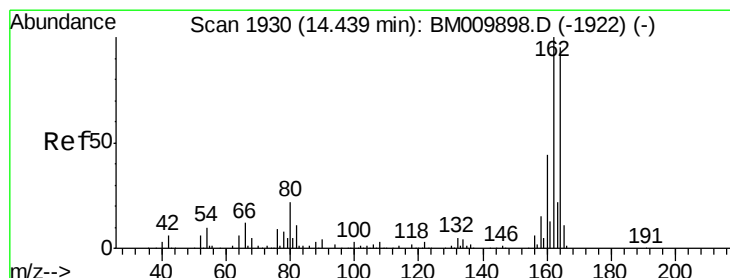
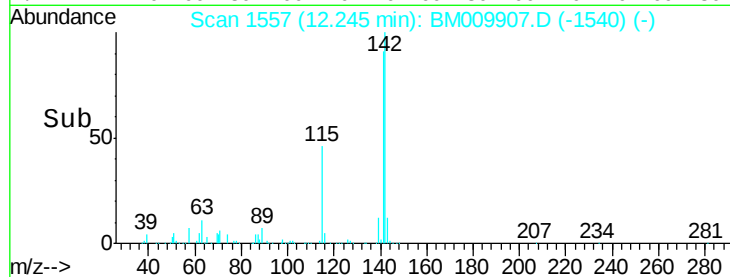
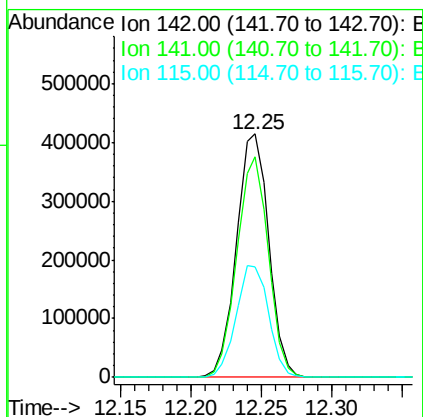
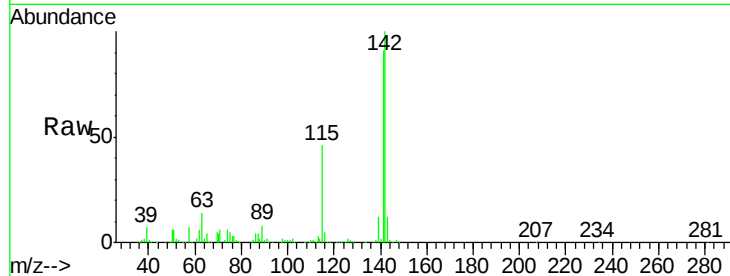
#37
 2-Methylnaphthalene
 Concen: 38.42 ng
 RT: 12.25 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB98666BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	662333		
141	90.6	71.9	107.9	
115	45.6	25.4	38.0	

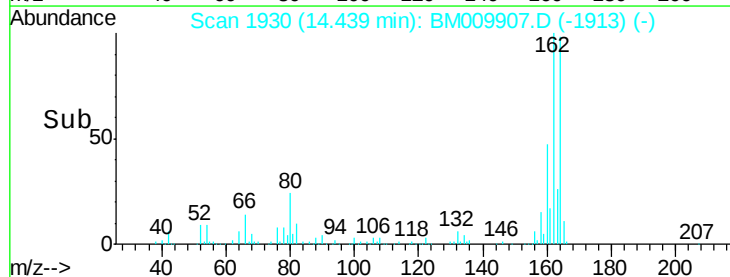
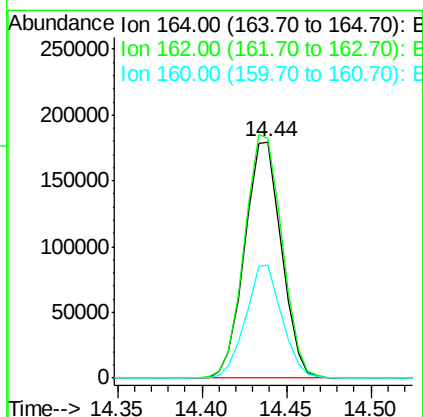
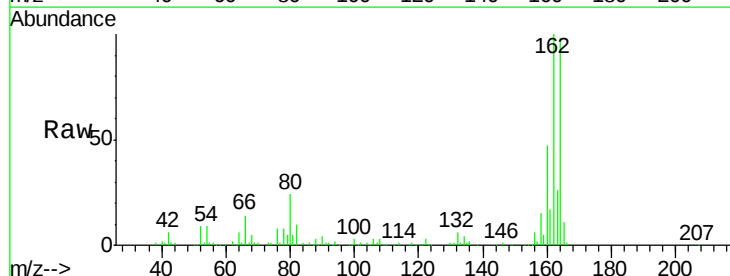
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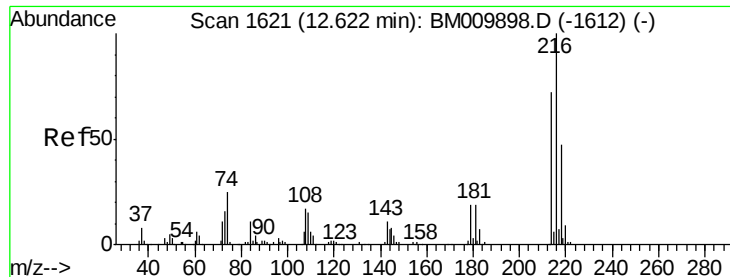
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	272778		
162	101.6	82.4	123.6	
160	48.1	35.8	53.6	





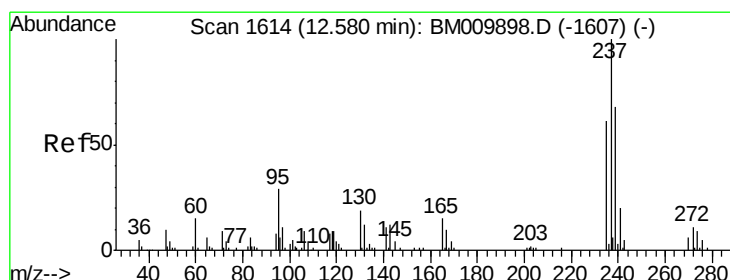
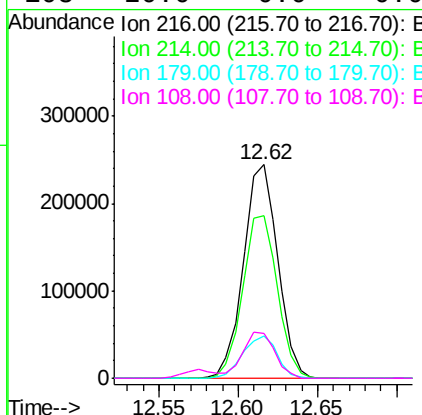
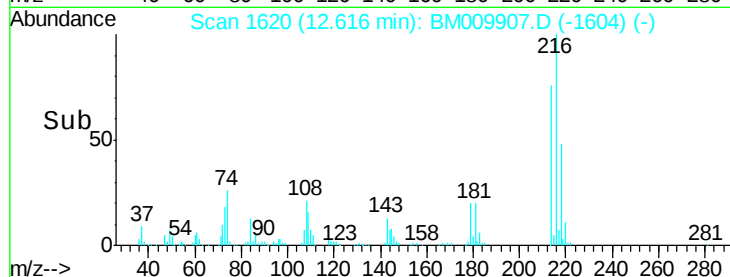
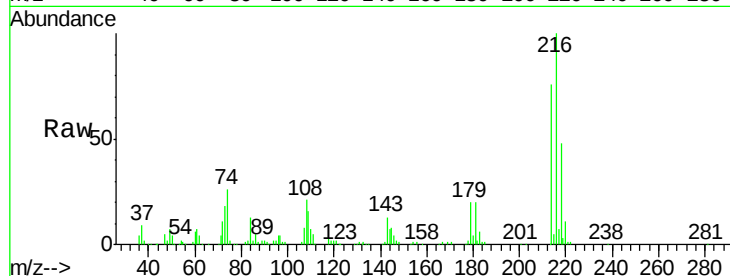
#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.47 ng
RT: 12.62 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	367695		
214	77.0	0.0	0.0	0.0#
179	19.9	0.0	0.0	0.0#
108	20.0	0.0	0.0	0.0#

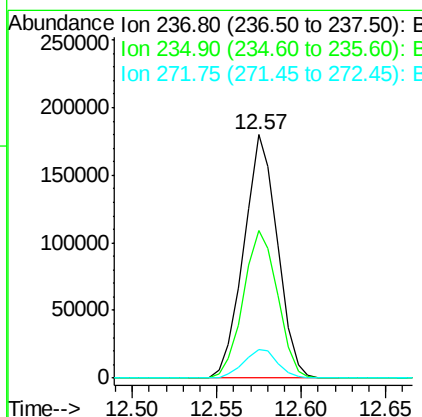
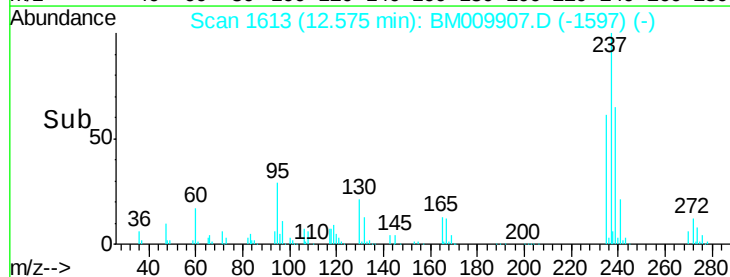
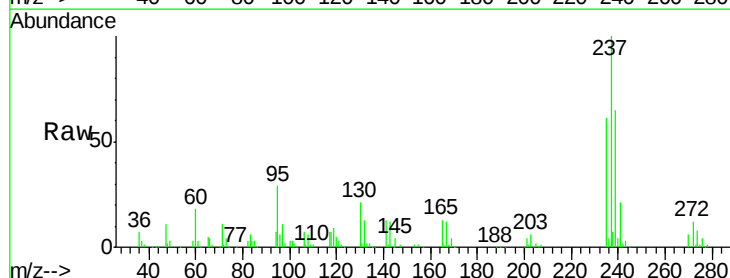
Manual Integrations
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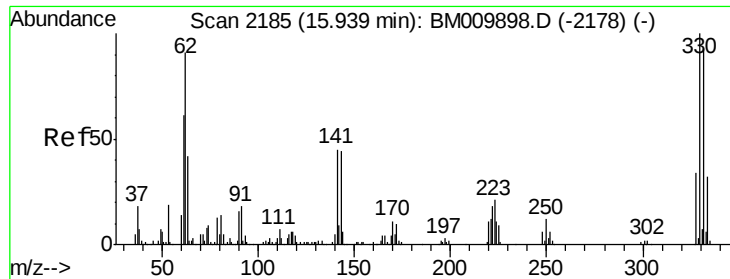
mohammad
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#40
Hexachlorocyclopentadiene
Concen: 78.81 ng
RT: 12.57 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	249414		
235	60.8	42.0	82.0	
272	11.5	0.0	33.4	





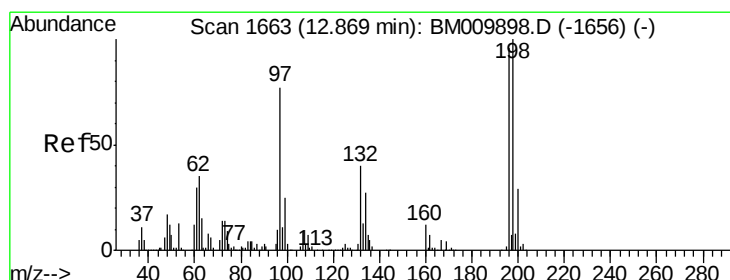
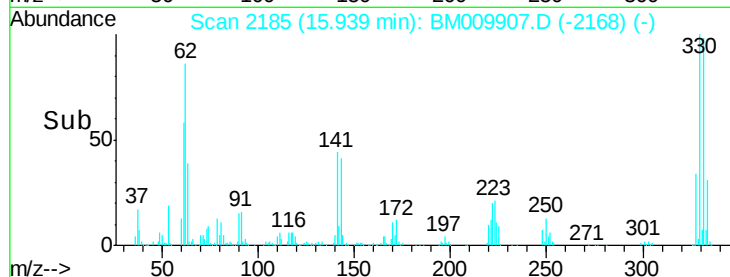
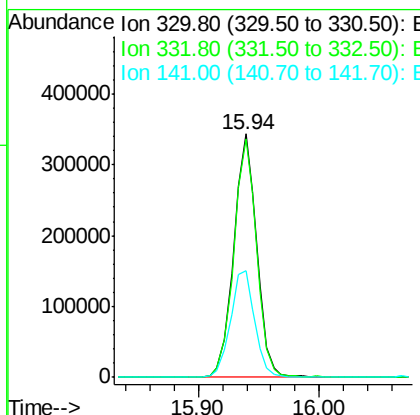
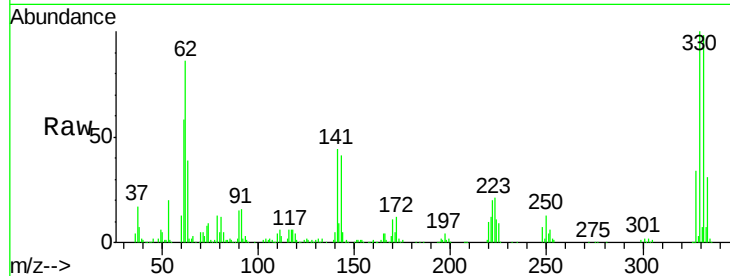
#41
 2,4,6-Tribromophenol
 Concen: 122.46 ng
 RT: 15.94 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB98666BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	456238		
332	97.3	0.0	0.0	0.0
141	46.0	0.0	0.0	0.0

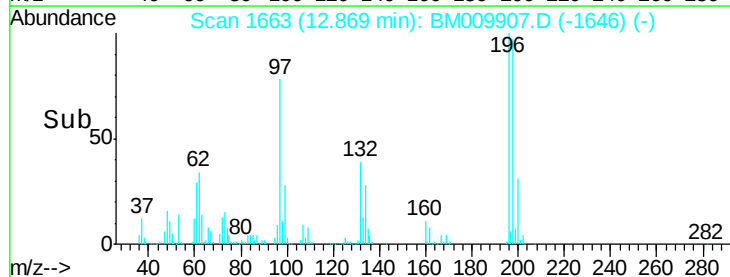
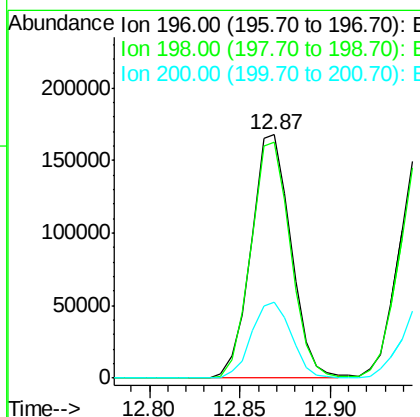
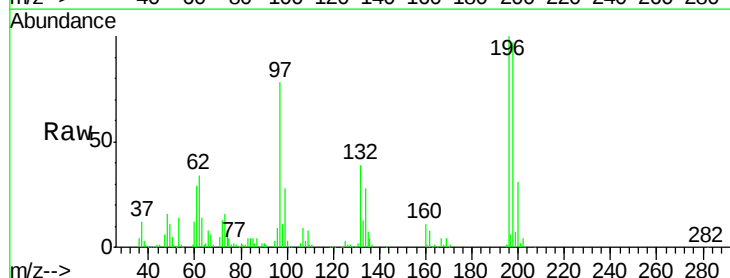
Manual Integrations
 APPROVED

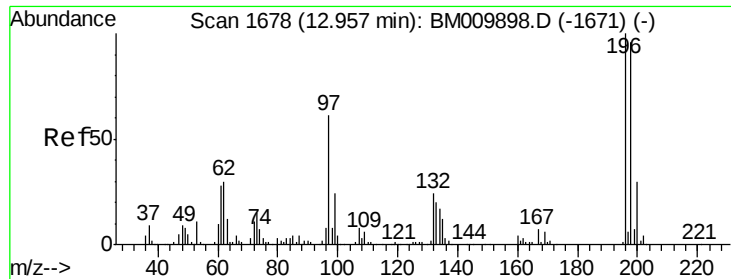
mohammad
 5/8/2017 2:49:21 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.42 ng
 RT: 12.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	256315		
198	96.7	76.3	114.5	
200	31.0	25.6	38.4	





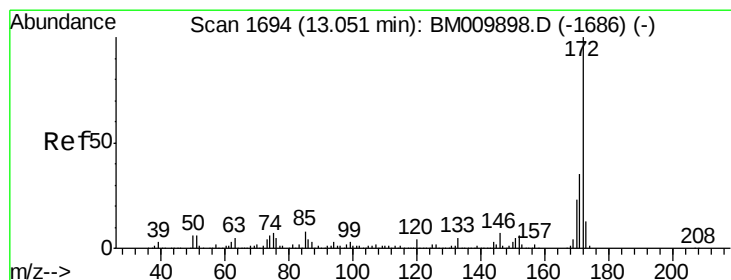
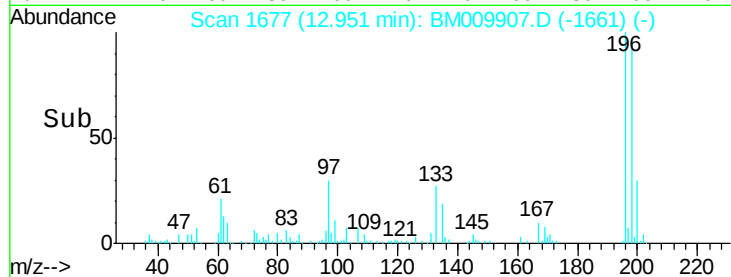
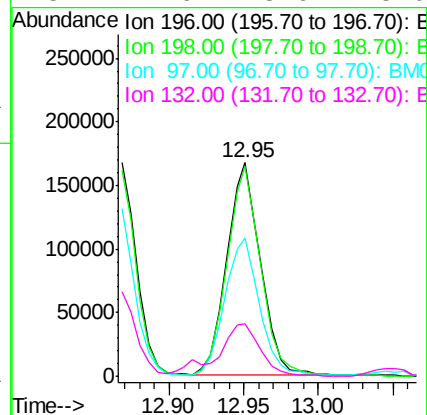
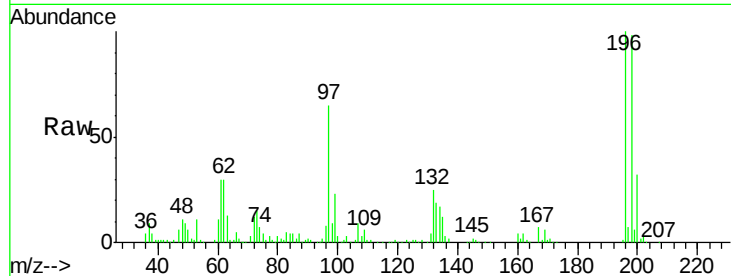
#43
2,4,5-Trichlorophenol
Concen: 38.70 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	264027		
198	98.1	79.4	119.0	
97	64.9	26.8	40.2#	
132	24.6	18.6	28.0	

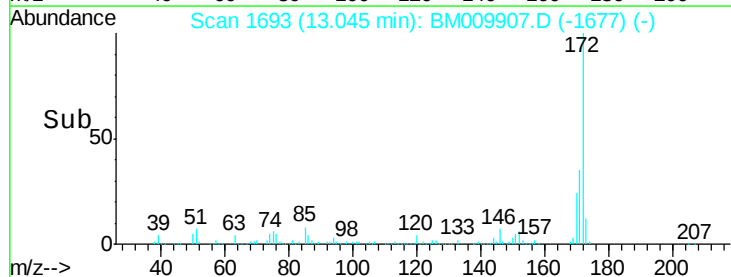
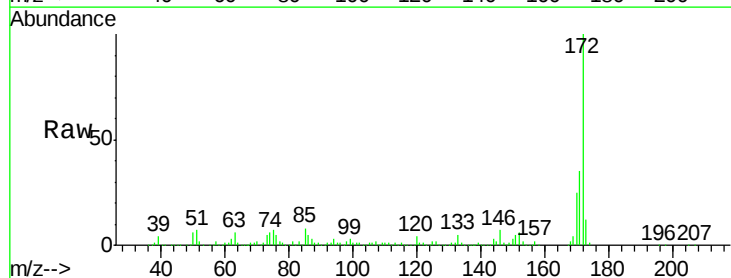
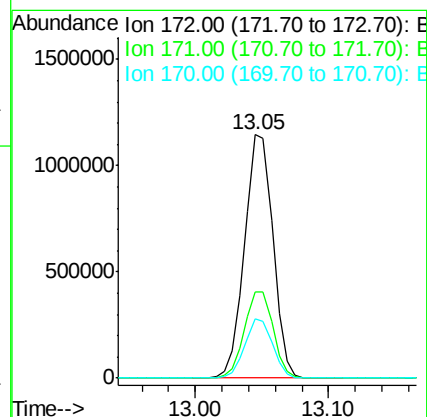
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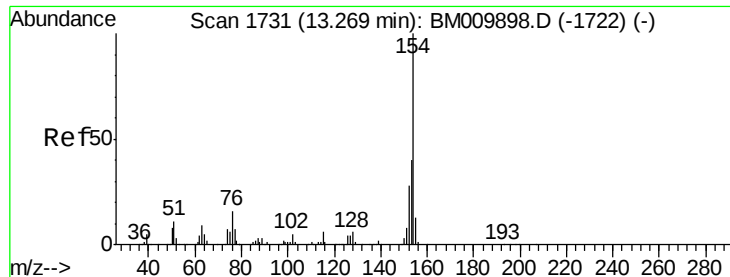
mohammad
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#44
2-Fluorobiphenyl
Concen: 80.17 ng
RT: 13.05 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1678451		
171	35.4	28.5	42.7	
170	24.5	18.8	28.2	





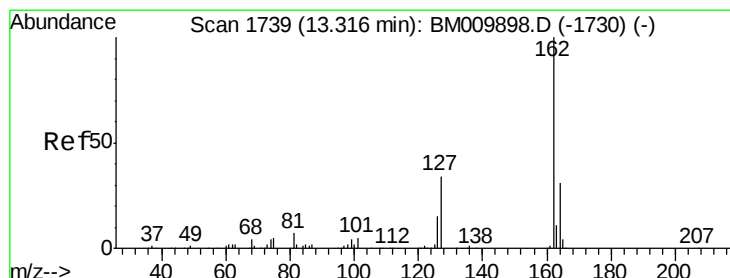
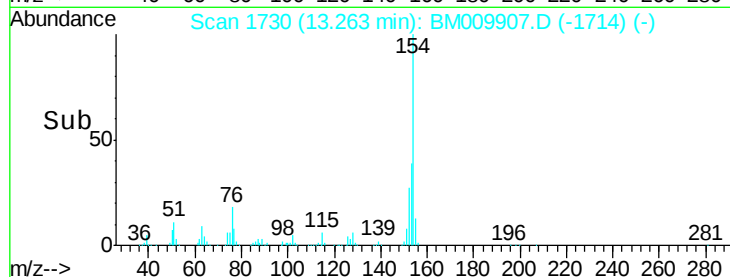
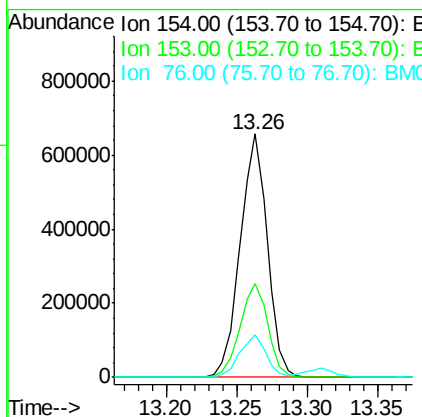
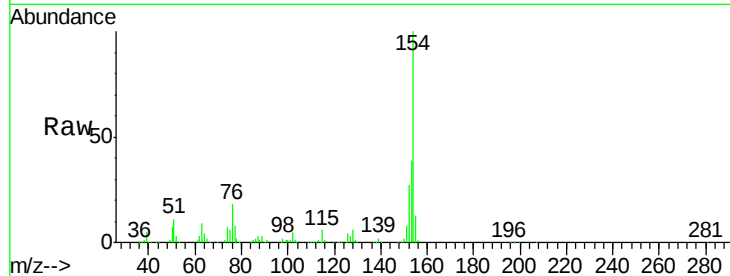
#45
 1,1'-Biphenyl
 Concen: 37.91 ng
 RT: 13.26 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB98666BSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	880394		
153	38.8	20.7	60.7	
76	17.7	0.0	30.9	

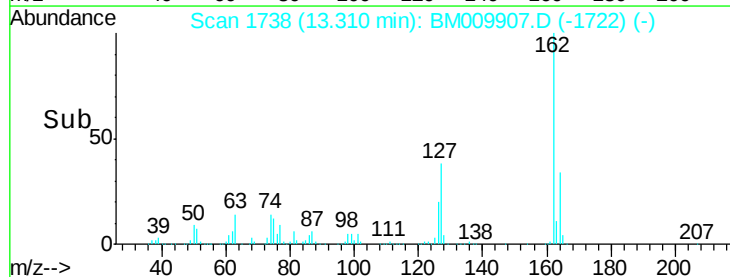
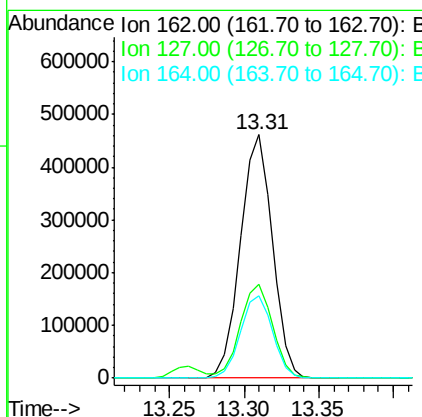
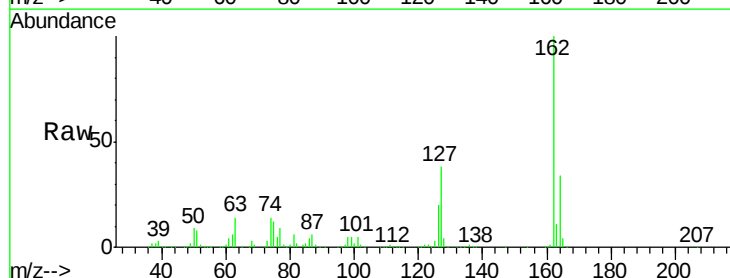
Manual Integrations
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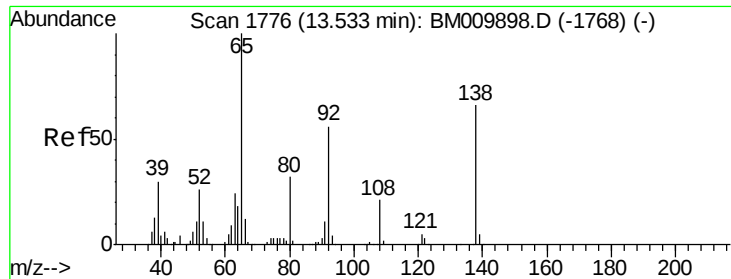
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#46
 2-Chloronaphthalene
 Concen: 37.40 ng
 RT: 13.31 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	686522		
127	38.4	26.9	40.3	
164	33.8	26.8	40.2	





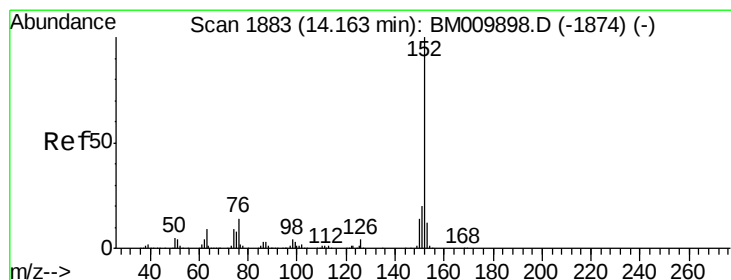
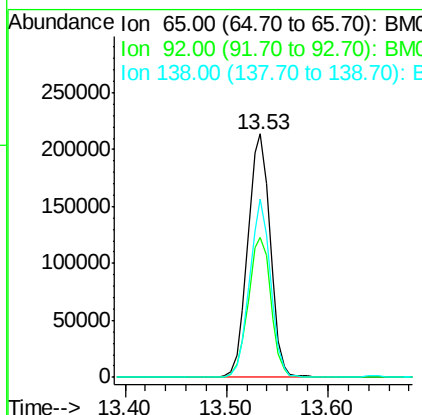
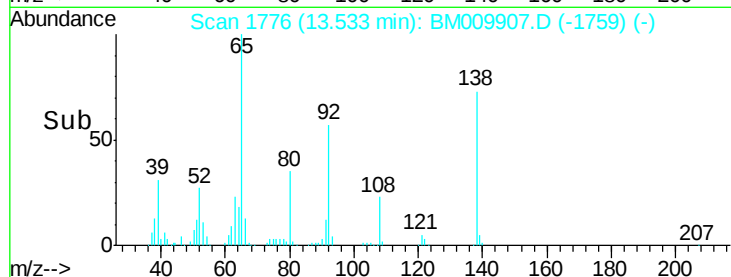
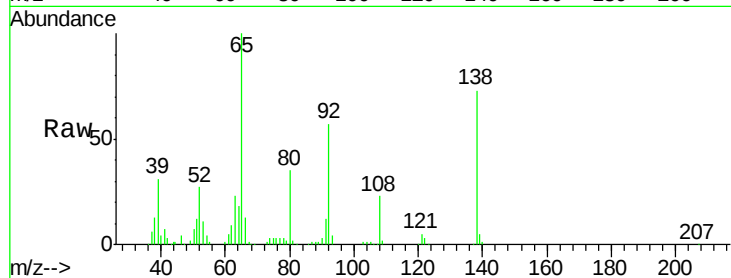
#47
2-Nitroaniline
Concen: 37.16 ng
RT: 13.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

Tgt Ion: 65 Resp: 329402
Ion Ratio Lower Upper
65 100
92 57.4 59.1 88.7#
138 73.2 93.9 140.9#

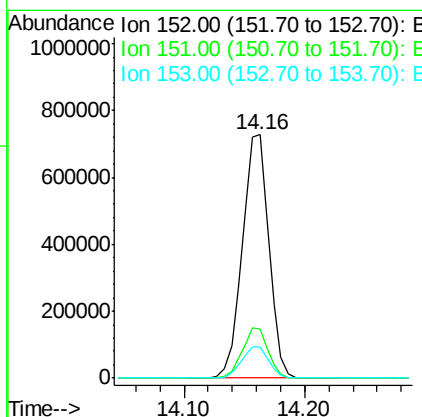
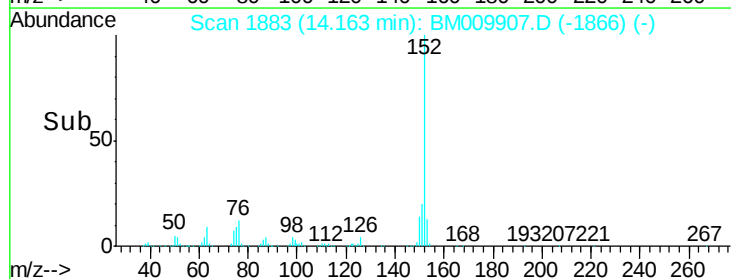
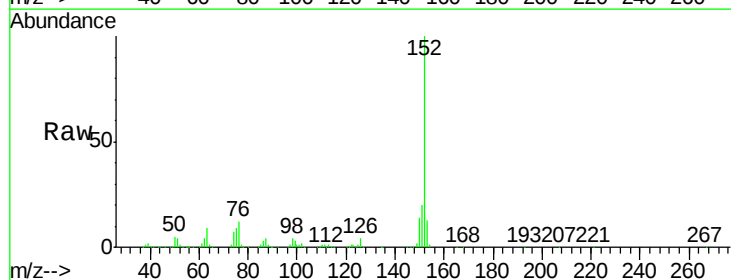
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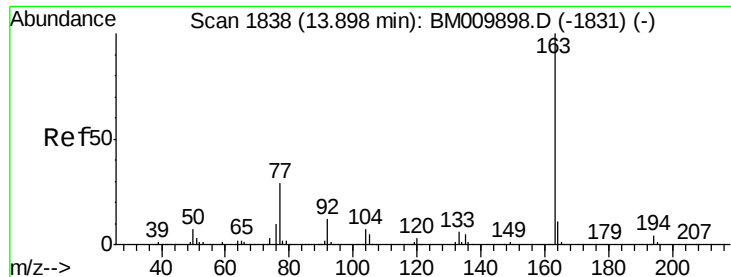
mohammad
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#48
Acenaphthylene
Concen: 38.71 ng
RT: 14.16 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Tgt Ion: 152 Resp: 1115431
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 12.9 10.6 16.0





#49

Dimethylphthalate

Concen: 35.85 ng

RT: 13.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Instrument :

BNA_M

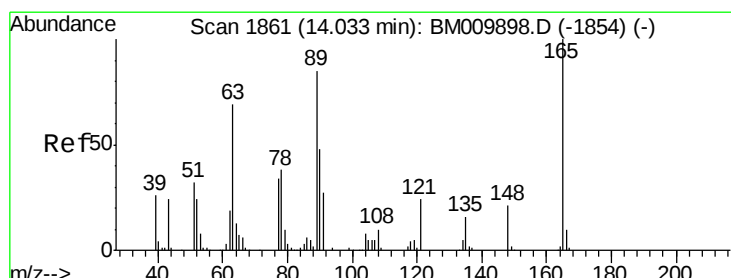
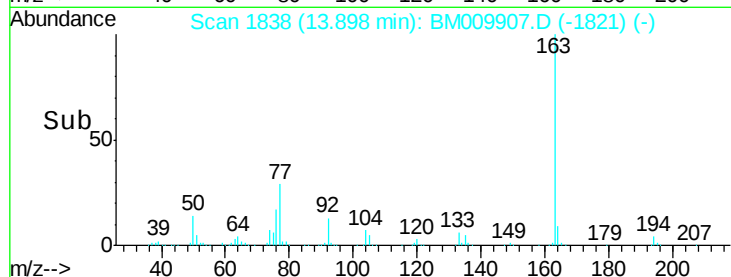
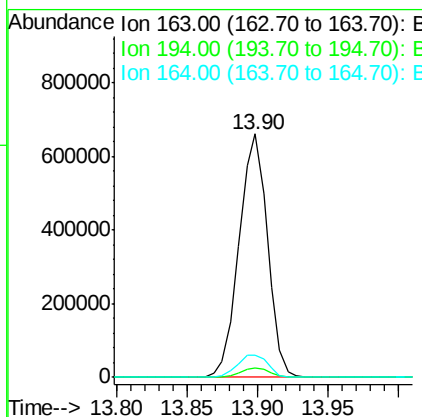
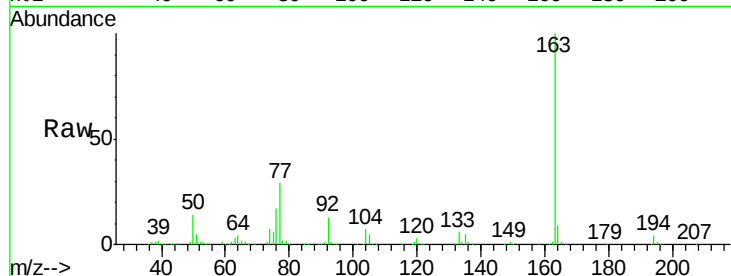
ClientSampleId :

PB98666BSD

Tgt Ion:	163	Resp:	931768
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	9.3	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 39.07 ng

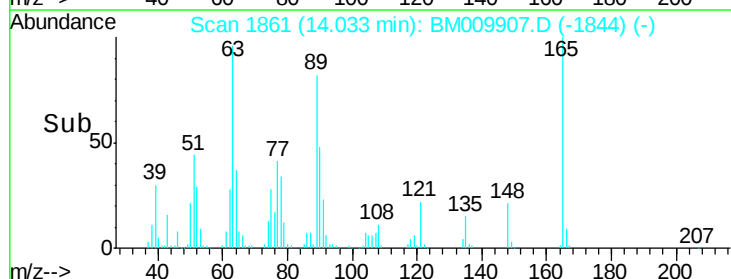
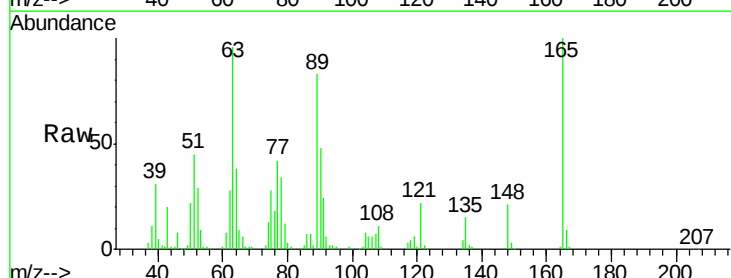
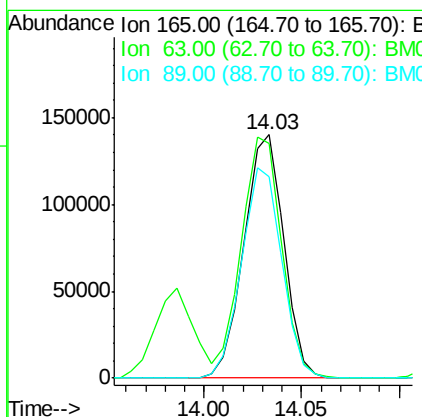
RT: 14.03 min Scan# 1861

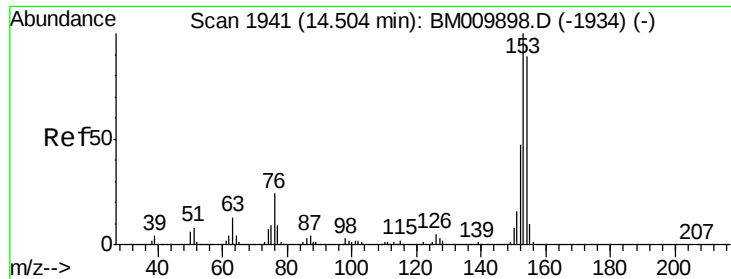
Delta R.T. 0.00 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Tgt Ion:	165	Resp:	197979
Ion Ratio	Lower	Upper	
165	100		
63	96.5	44.1	66.1#
89	82.6	44.3	66.5#





#51

Acenaphthene

Concen: 37.63 ng

RT: 14.50 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Instrument :

BNA_M

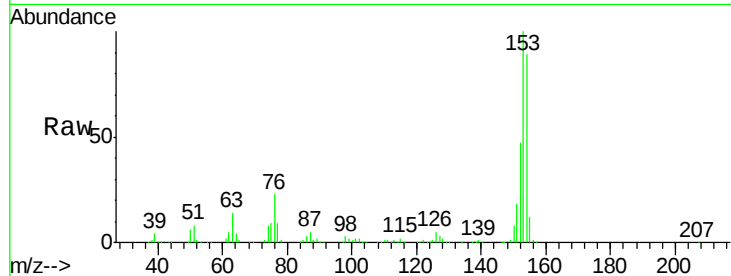
ClientSampleId :

PB98666BSD

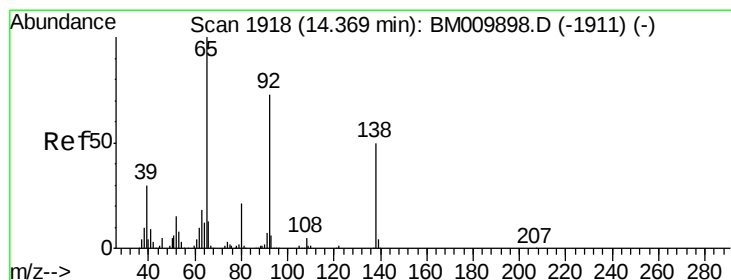
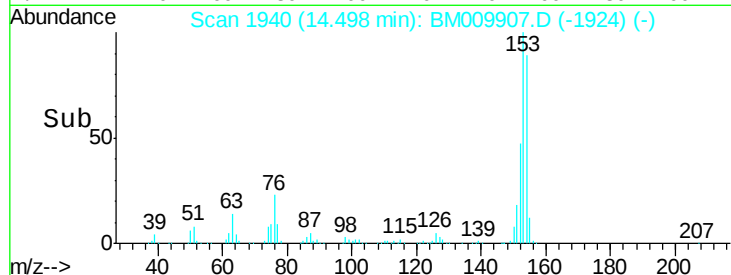
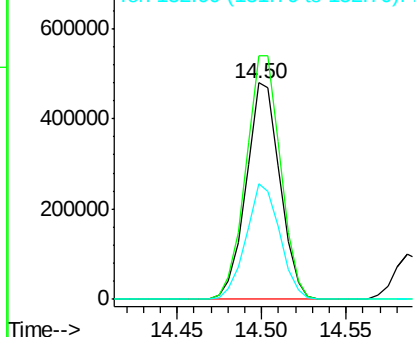
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	668943		
153	112.4	90.0	135.0	
152	53.4	42.6	63.8	

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.73 ng

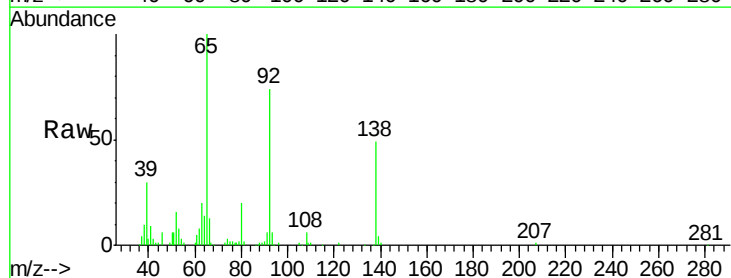
RT: 14.37 min Scan# 1918

Delta R.T. 0.00 min

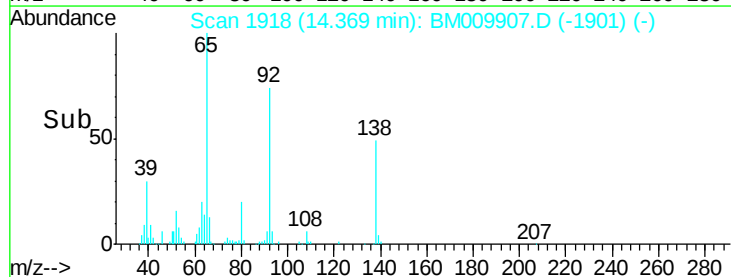
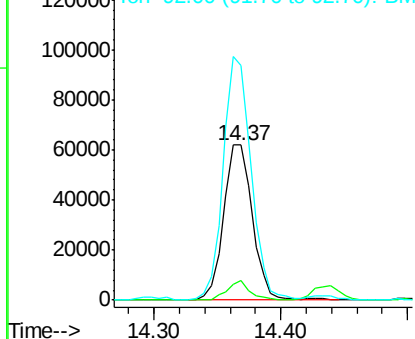
Lab File: BM009907.D

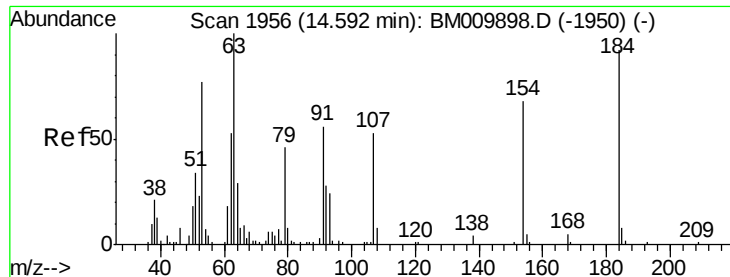
Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	97190		
108	12.8	7.3	10.9#	
92	151.5	76.6	114.8#	



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM





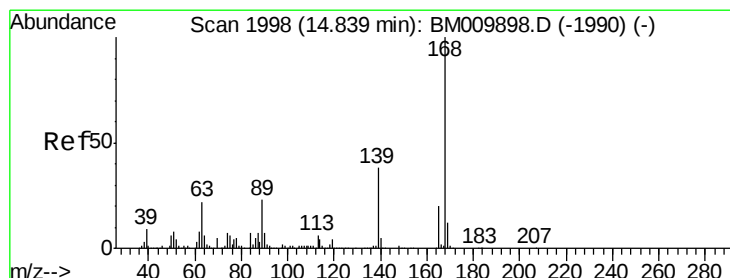
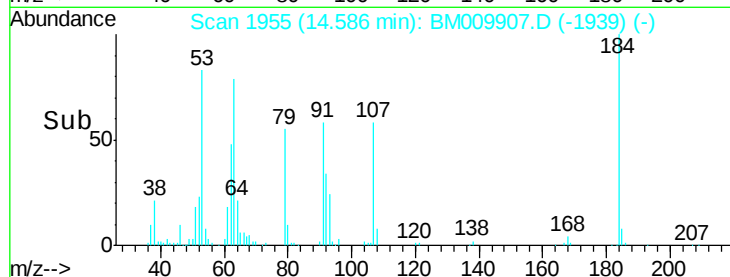
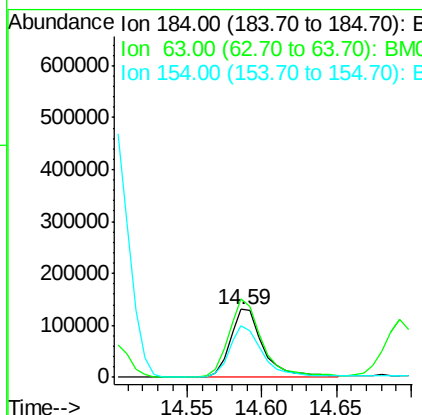
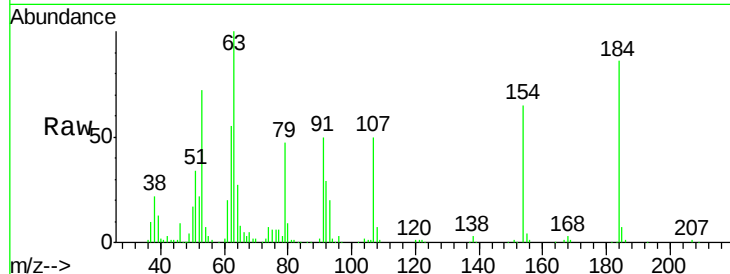
#53
2,4-Dinitrophenol
Concen: 70.80 ng
RT: 14.59 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	204572		
63	116.2	69.2	103.8#	
154	75.7	53.3	79.9	

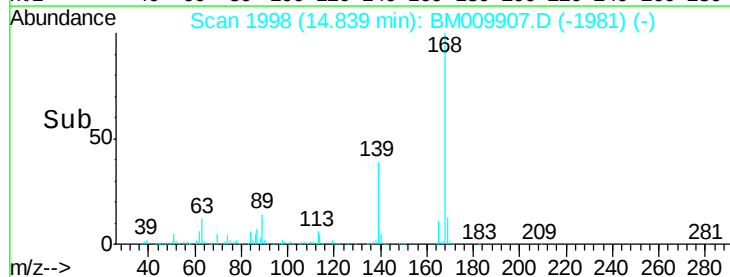
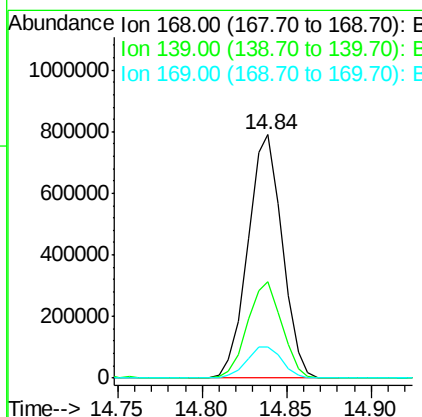
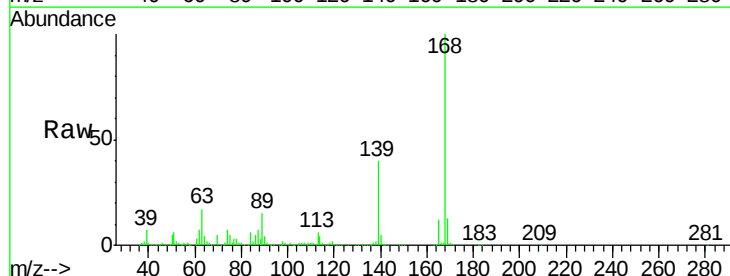
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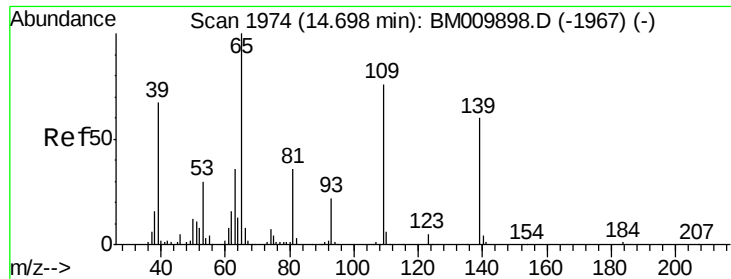
mohammad
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#54
Dibenzofuran
Concen: 41.18 ng
RT: 14.84 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1119701		
139	39.8	27.3	40.9	
169	12.6	10.6	16.0	





#55

4-Nitrophenol

Concen: 78.76 ng

RT: 14.69 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Instrument :

BNA_M

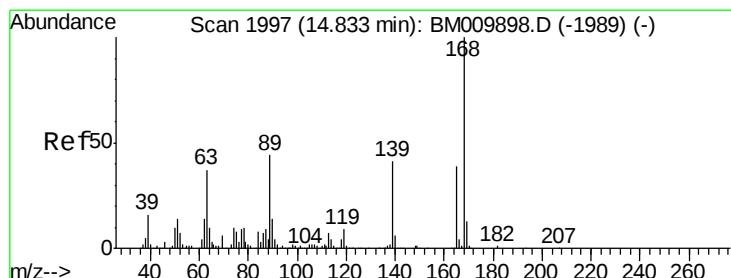
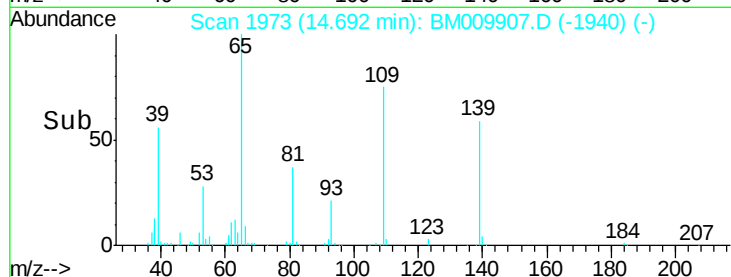
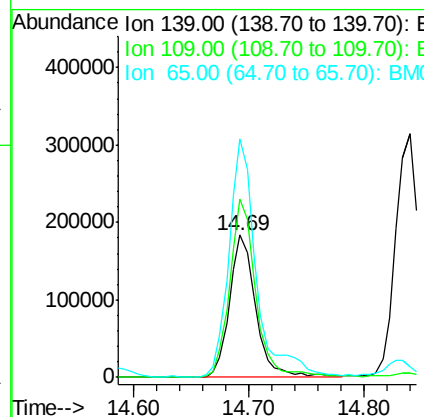
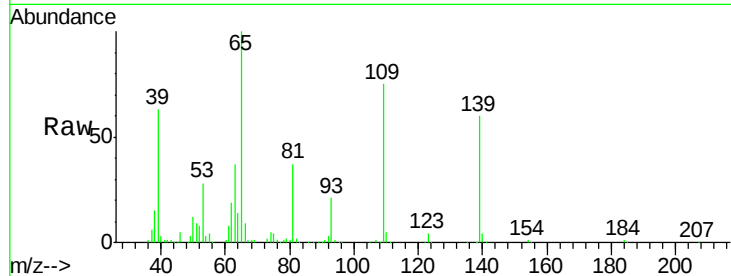
ClientSampleId :

PB98666BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	290123		
109	125.2	37.7	77.7#	
65	167.5	49.9	89.9#	

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#56

2,4-Dinitrotoluene

Concen: 39.25 ng

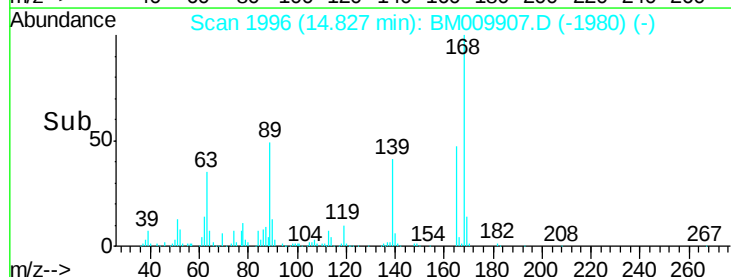
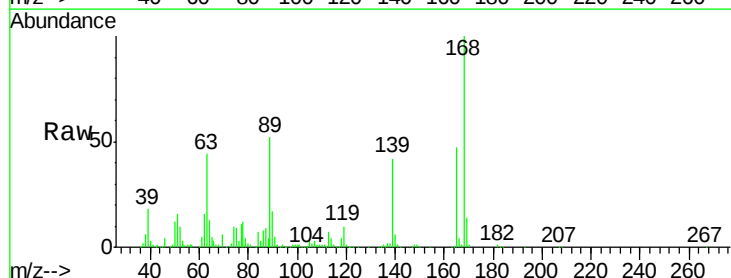
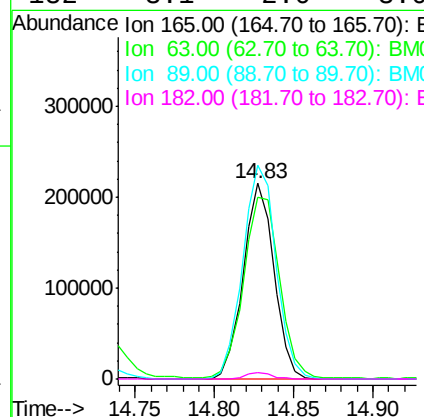
RT: 14.83 min Scan# 1996

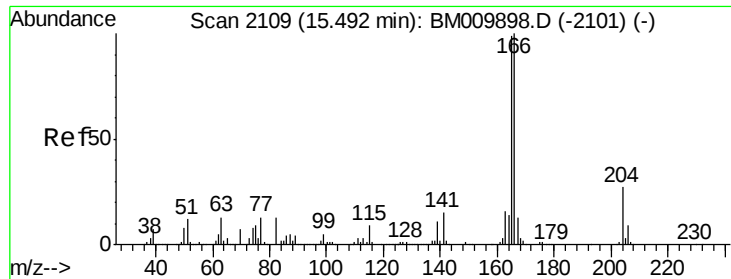
Delta R.T. -0.01 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	289108		
63	93.1	52.4	78.6#	
89	109.3	72.4	108.6#	
182	3.1	2.0	3.0#	





#57

Fluorene

Concen: 38.18 ng

RT: 15.49 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Instrument :

BNA_M

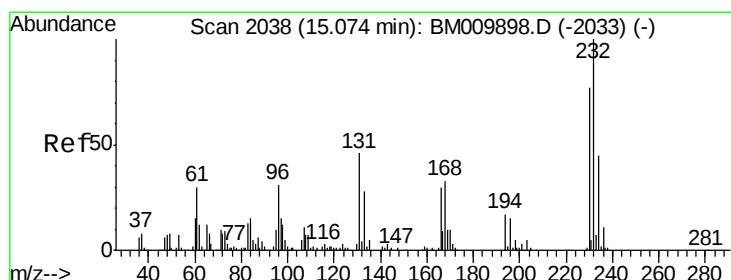
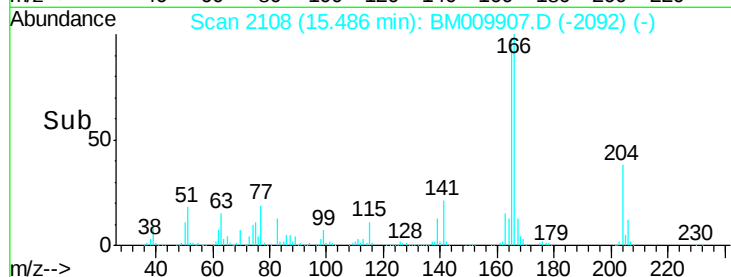
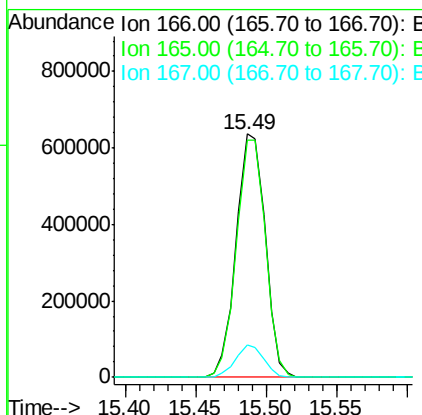
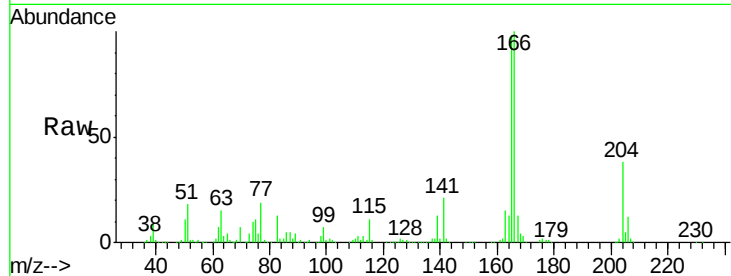
ClientSampleId :

PB98666BSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	915919		
165	97.6	79.0	118.4	
167	13.5	10.3	15.5	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.61 ng

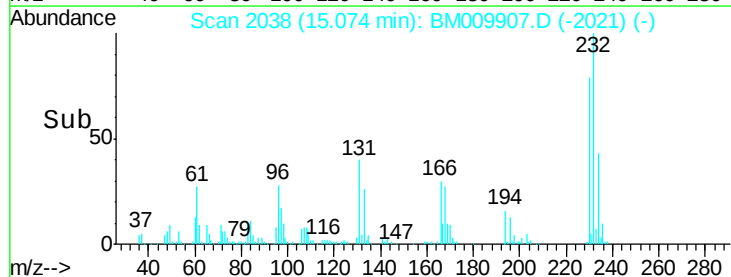
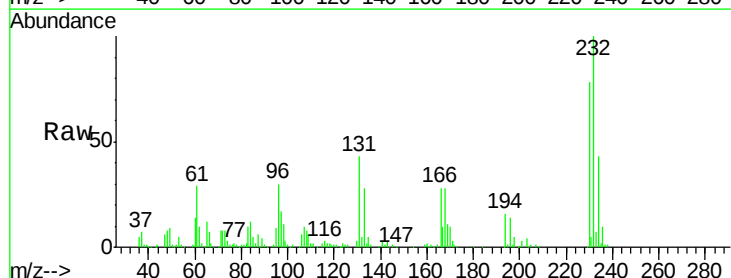
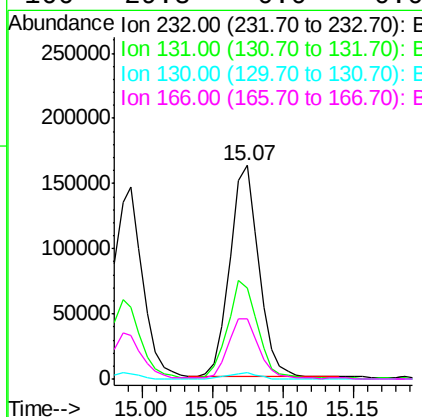
RT: 15.07 min Scan# 2038

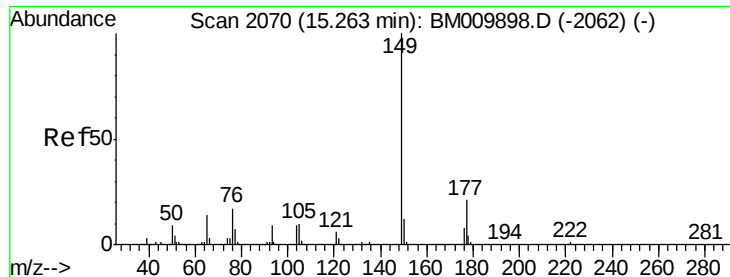
Delta R.T. 0.00 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	233070		
131	47.8	0.0	0.0#	
130	3.1	0.0	0.0#	
166	29.8	0.0	0.0#	





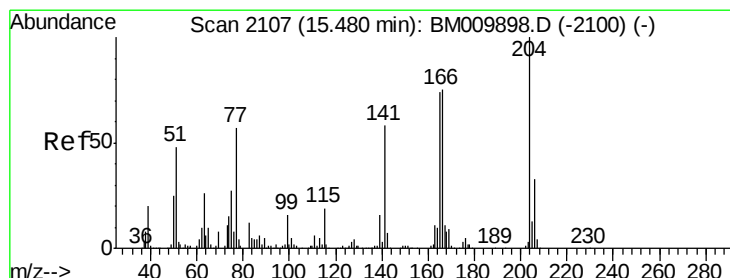
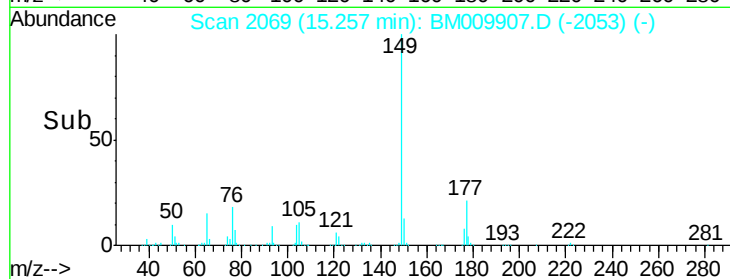
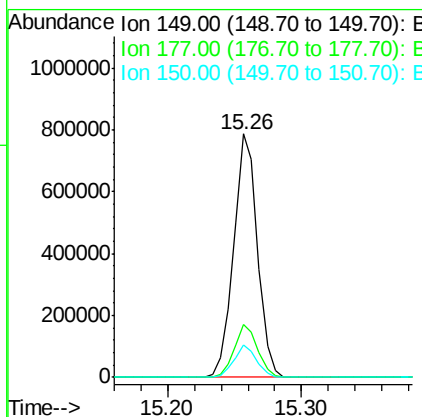
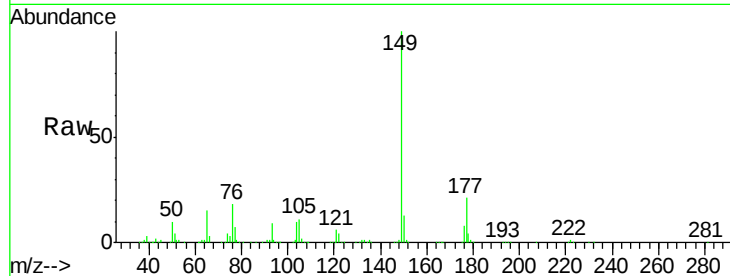
#59
Diethylphthalate
Concen: 35.18 ng
RT: 15.26 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	18.3	27.5
150	13.1	9.8	14.8

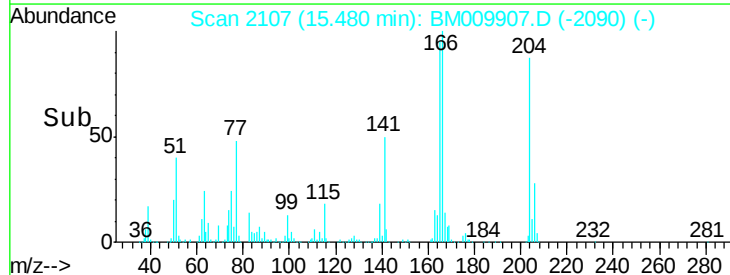
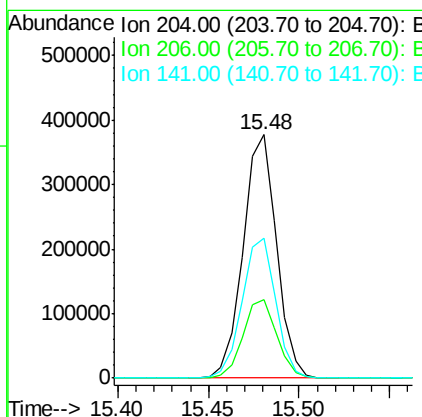
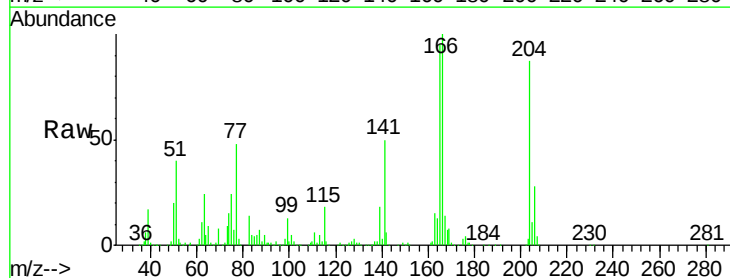
Manual Integrations
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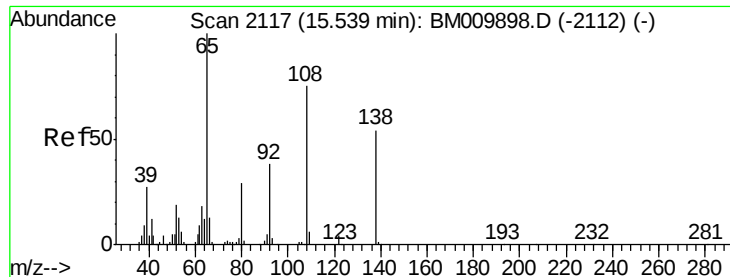
mohammad
5/8/2017 2:49:21 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.89 ng
RT: 15.48 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.6	39.8
141	57.6	45.2	67.8





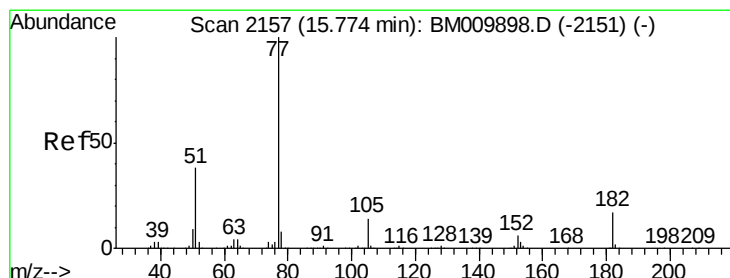
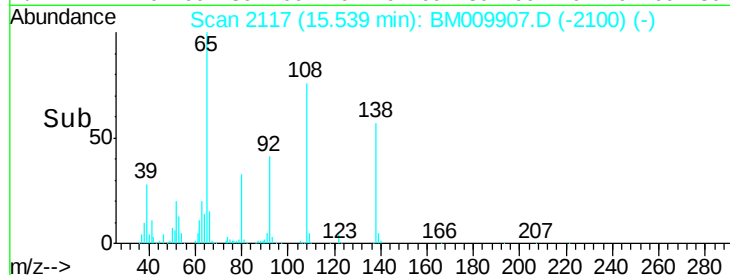
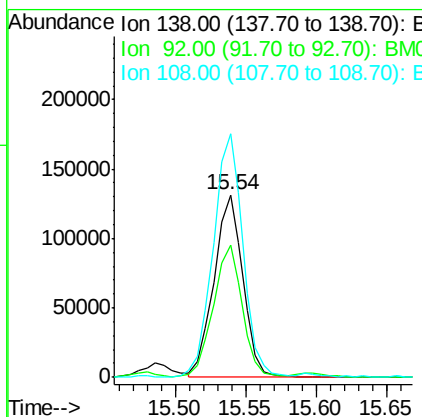
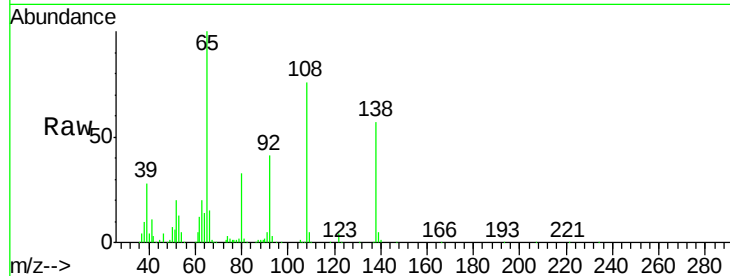
#61
4-Nitroaniline
Concen: 34.01 ng
RT: 15.54 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	72.4	16.7	56.7#
108	133.5	37.6	77.6#

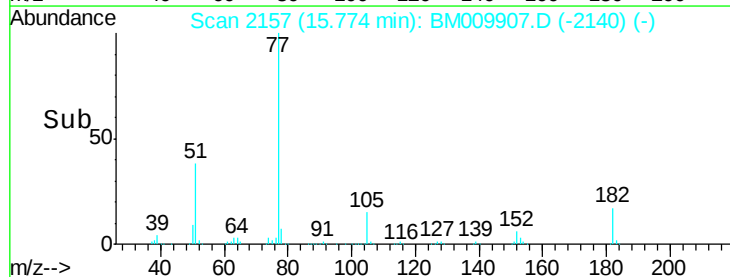
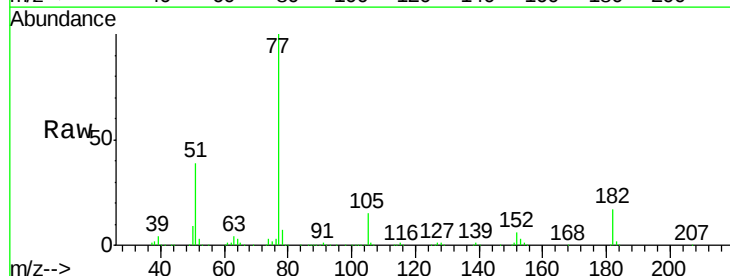
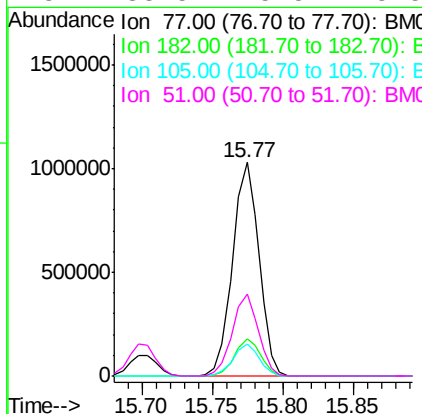
Manual Integrations
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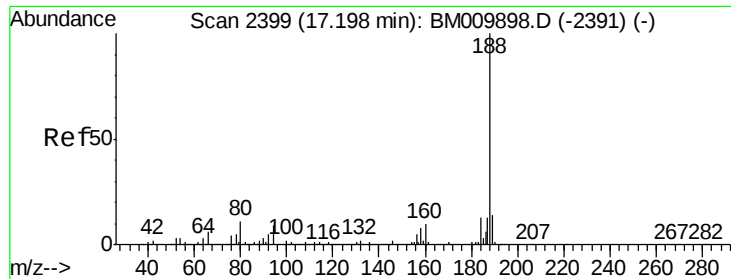
mohammad
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#62
Azobenzene
Concen: 43.31 ng
RT: 15.77 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.4	6.5	46.5
105	15.1	3.8	43.8
51	38.5	5.5	45.5





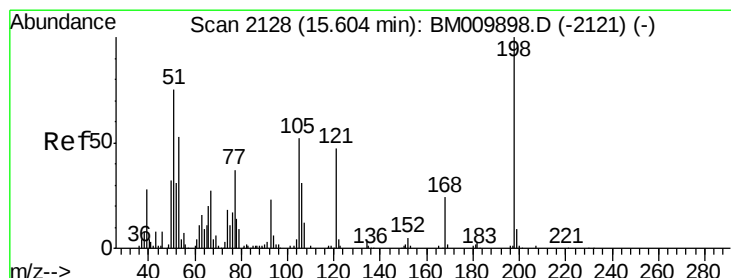
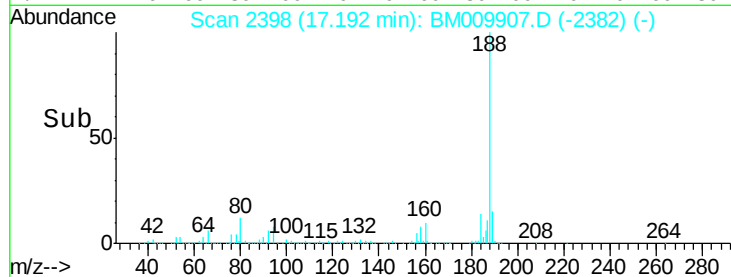
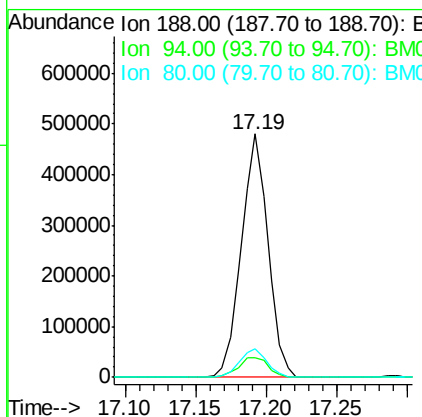
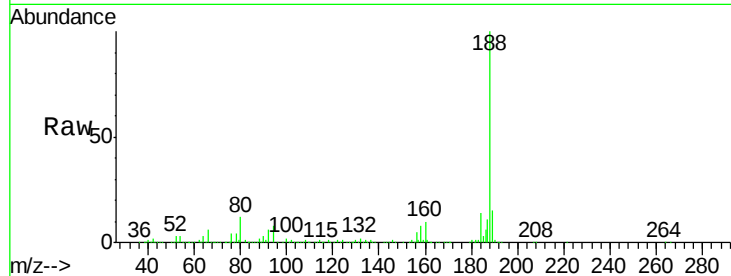
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	634251		
94	8.0	8.7	13.1#	
80	11.8	9.3	13.9	

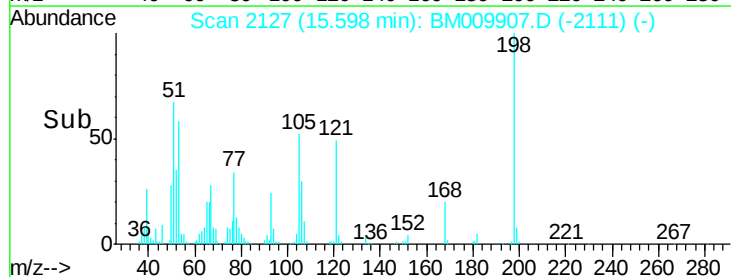
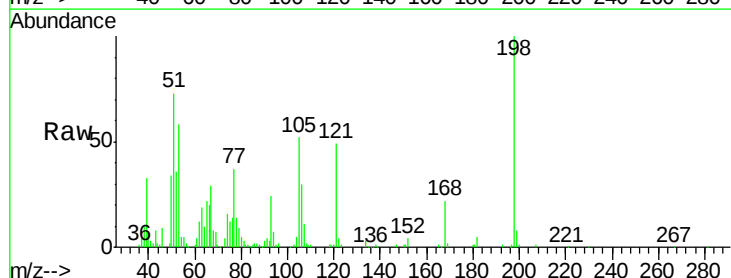
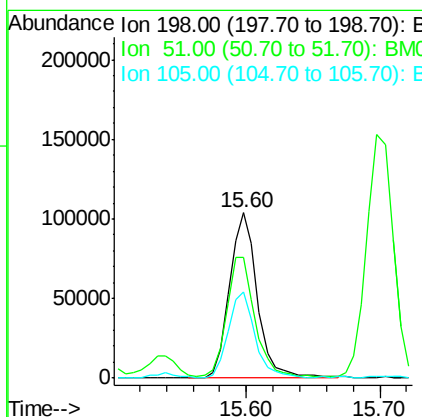
Manual Integrations
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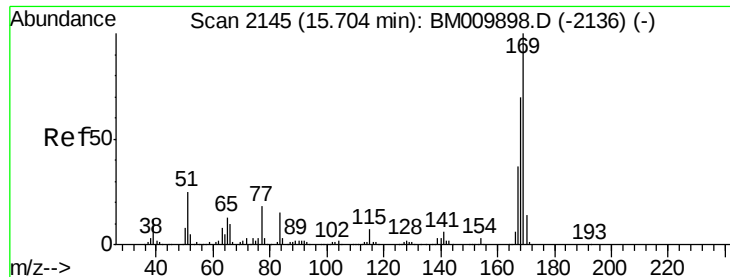
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.02 ng
RT: 15.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	151683		
51	73.4	28.8	68.8#	
105	52.0	30.5	70.5	





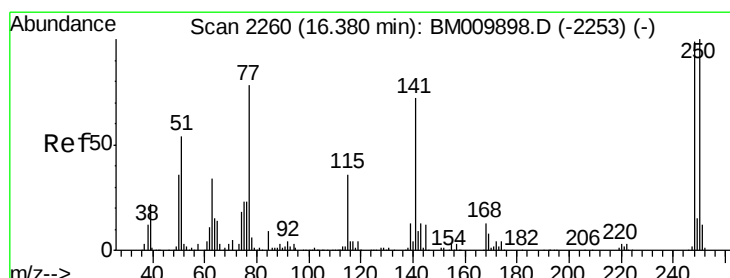
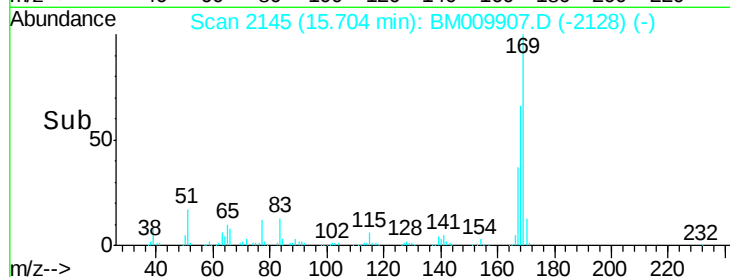
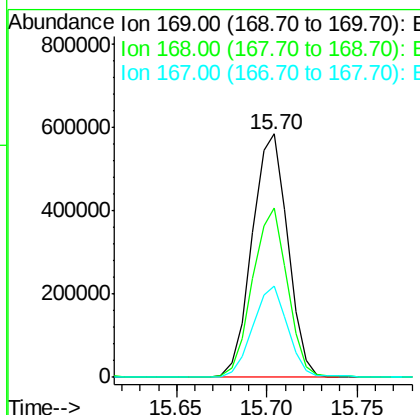
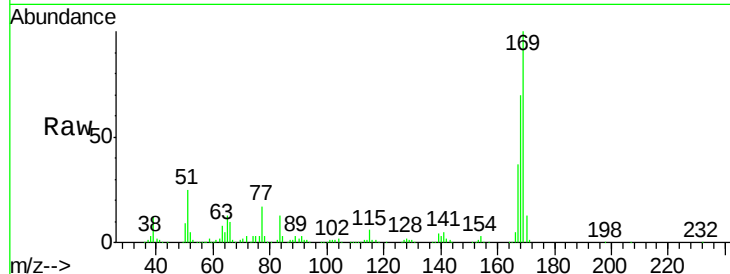
#65
 n-Nitrosodiphenylamine
 Concen: 39.55 ng
 RT: 15.70 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB98666BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	794971		
168	69.7	53.9	80.9	
167	37.3	28.9	43.3	

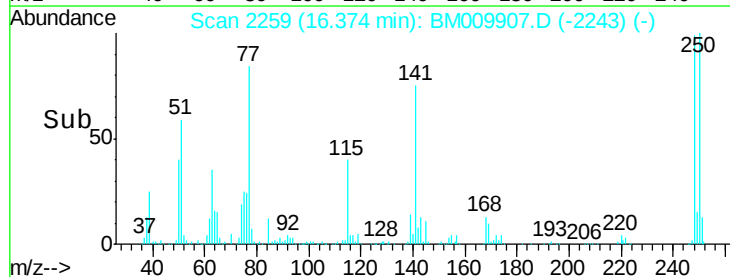
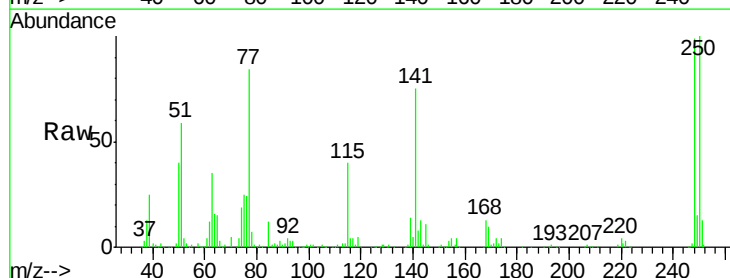
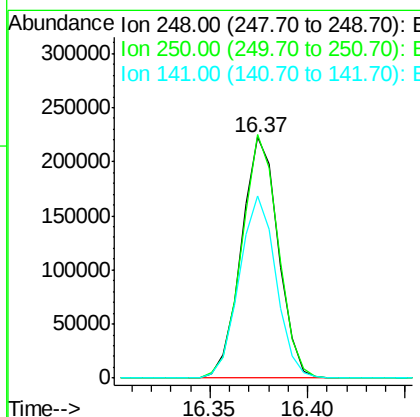
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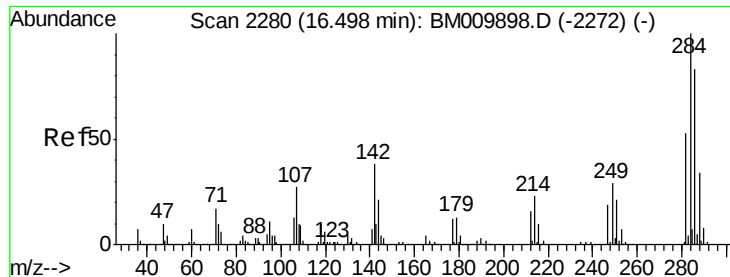
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 39.21 ng
 RT: 16.37 min Scan# 2259
 Delta R.T. -0.01 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	290931		
250	101.2	77.4	116.0	
141	75.8	45.2	67.8	





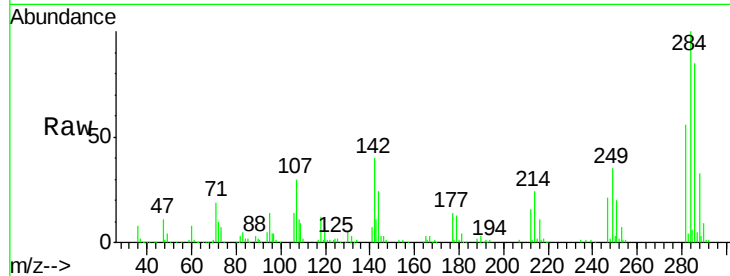
#67
Hexachlorobenzene
Concen: 37.50 ng
RT: 16.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

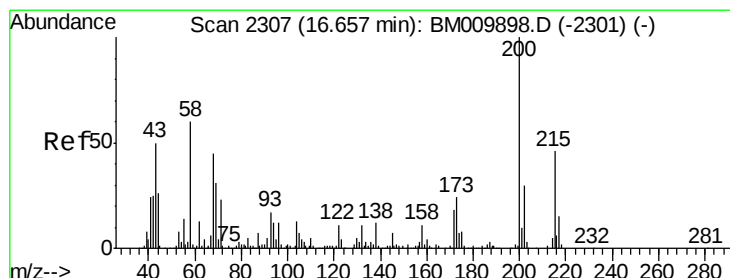
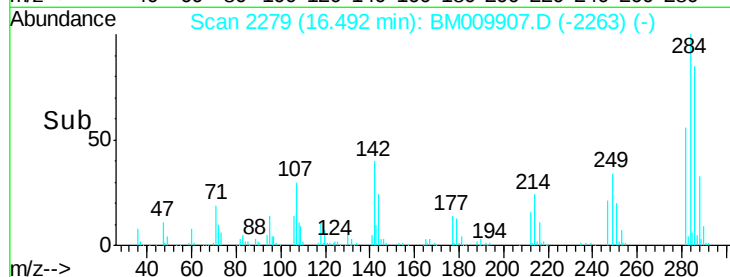
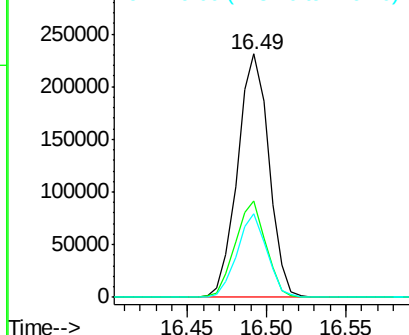
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	316937		
142	39.7	20.4	30.6	#
249	34.6	23.8	35.6	

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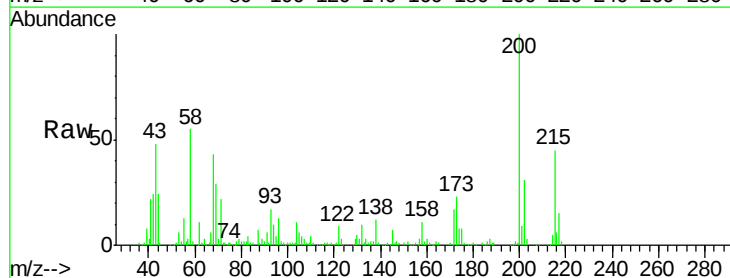


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

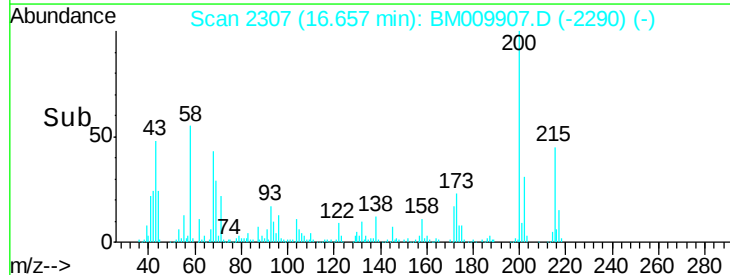
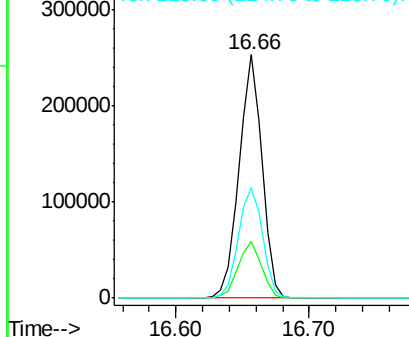


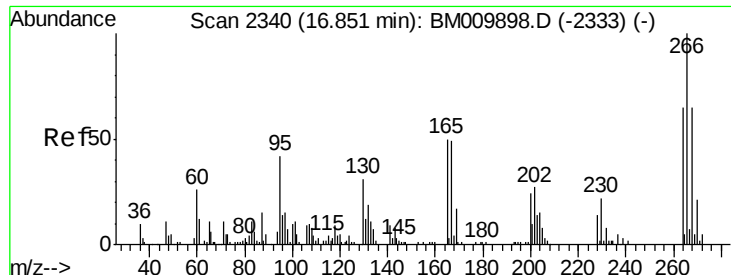
#68
Atrazine
Concen: 39.20 ng
RT: 16.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	301790		
173	23.4	4.8	44.8	
215	45.4	26.9	66.9	



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





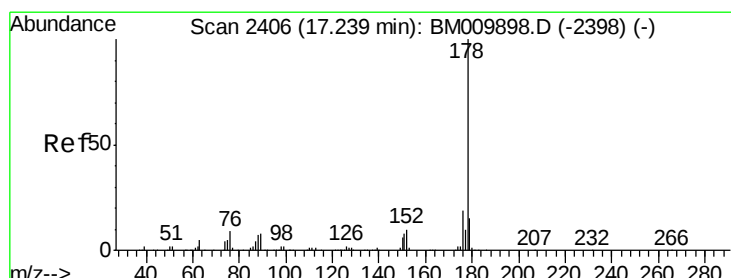
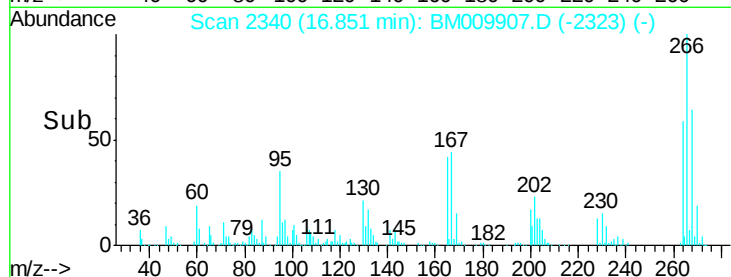
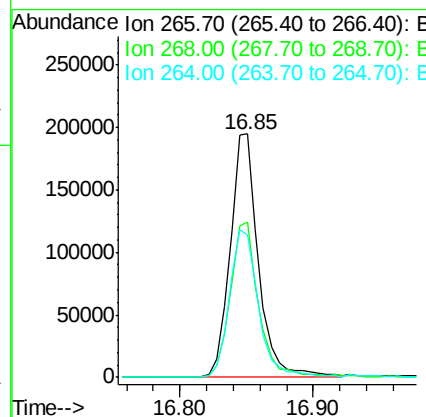
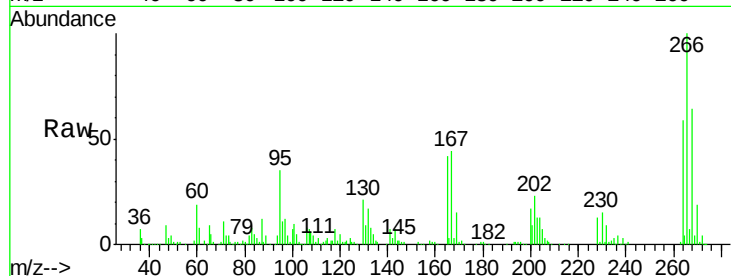
#69
 Pentachlorophenol
 Concen: 76.49 ng
 RT: 16.85 min Scan# 2340
 Delta R.T. 0.00 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB98666BSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	290026		
268	63.8	52.0	78.0	
264	58.5	49.0	73.4	

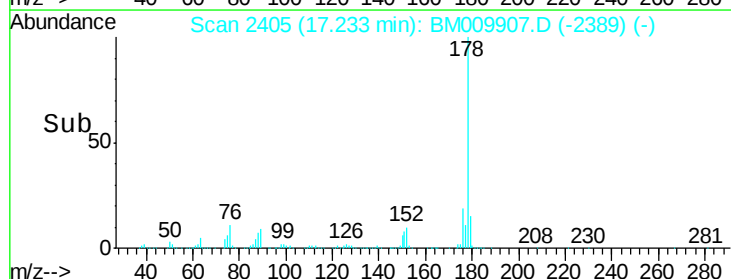
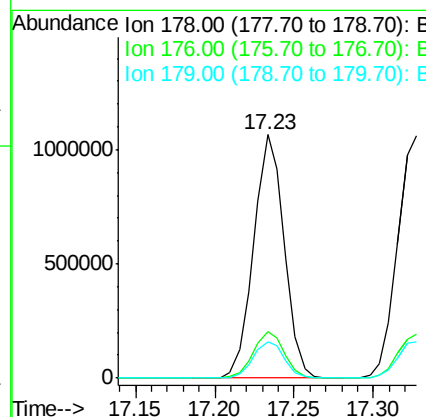
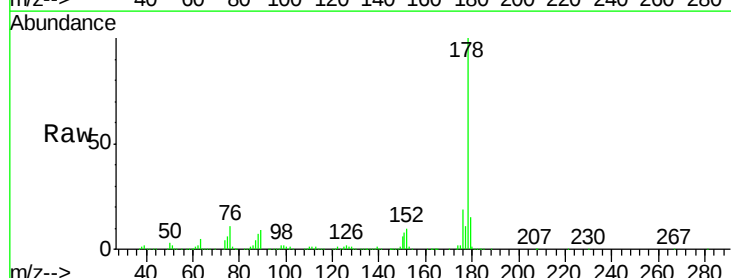
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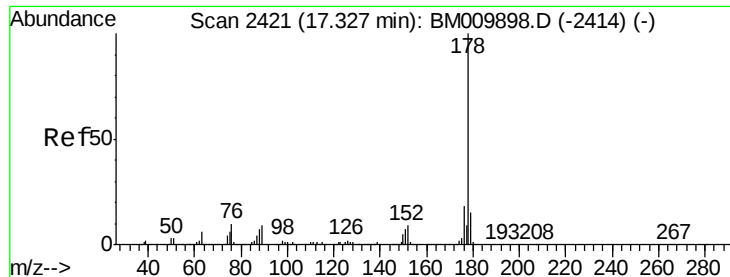
mohammad
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#70
 Phenanthrene
 Concen: 38.88 ng
 RT: 17.23 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1427479		
176	19.0	15.2	22.8	
179	15.1	12.1	18.1	





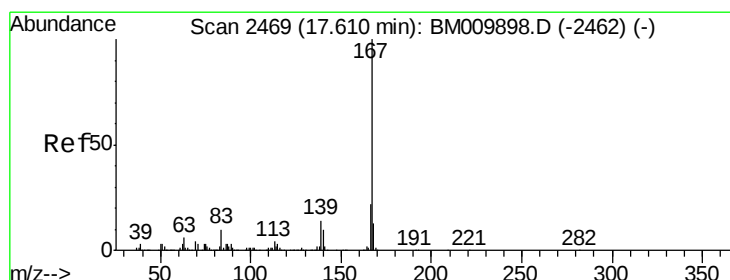
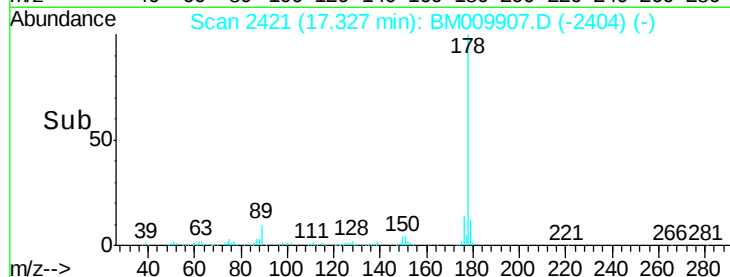
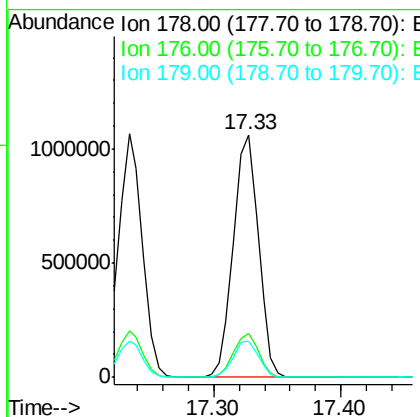
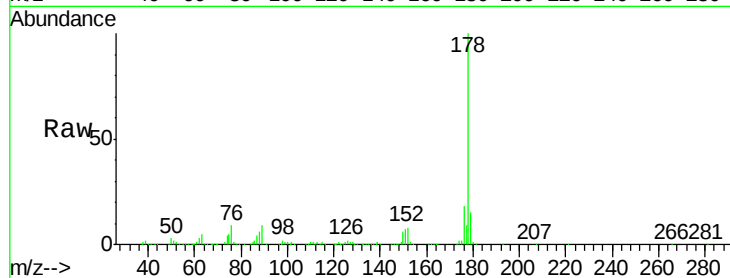
#71
 Anthracene
 Concen: 39.31 ng
 RT: 17.33 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB98666BSD

Tgt Ion:178 Resp: 1455708
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.6 22.0
 179 15.0 12.6 19.0

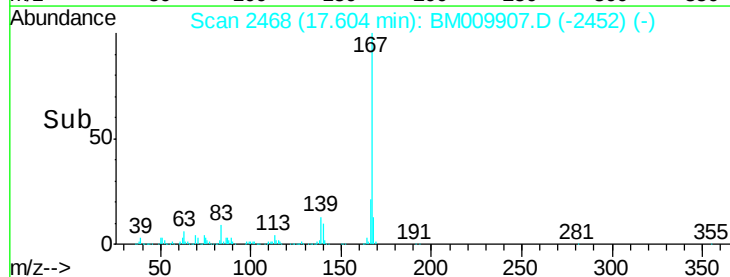
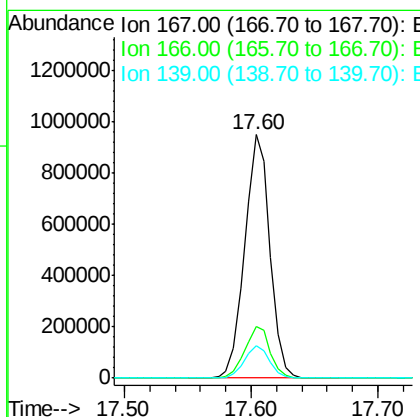
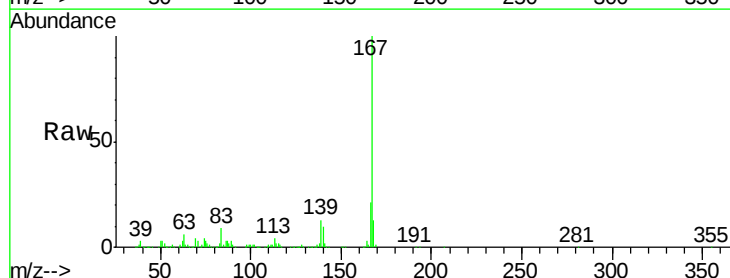
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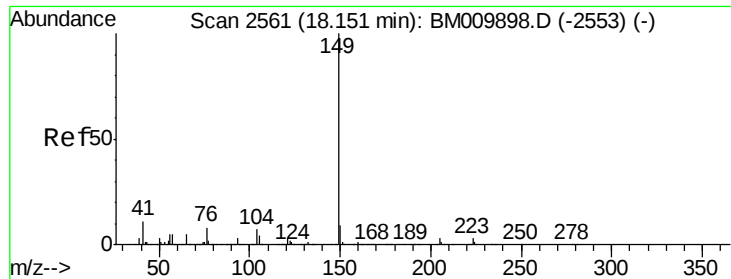
mohammad
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#72
 Carbazole
 Concen: 38.81 ng
 RT: 17.60 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Tgt Ion:167 Resp: 1302757
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.5 10.8 16.2





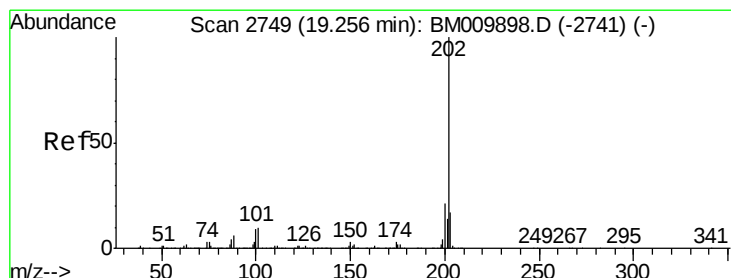
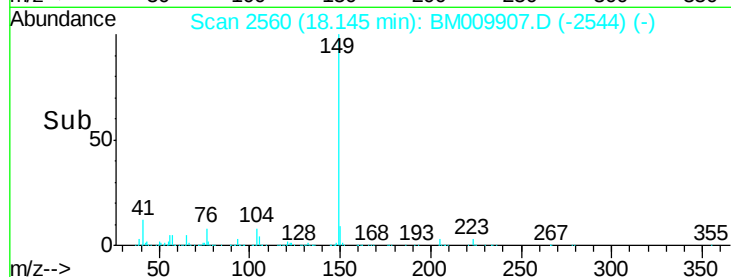
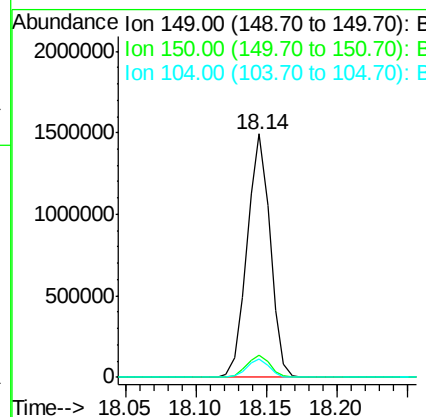
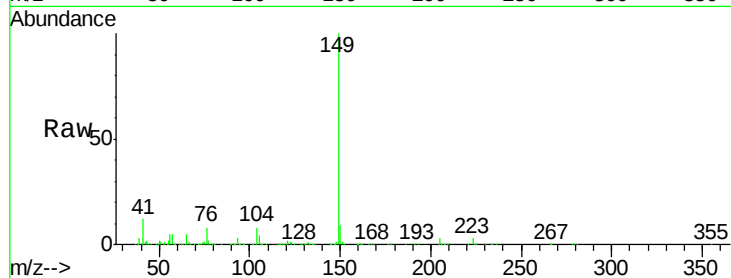
#73
Di-n-butylphthalate
Concen: 35.31 ng
RT: 18.14 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	7.7	3.7	5.5

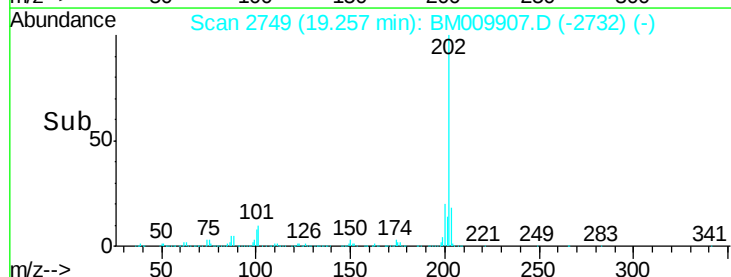
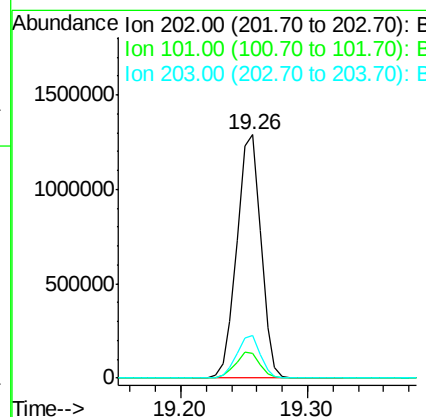
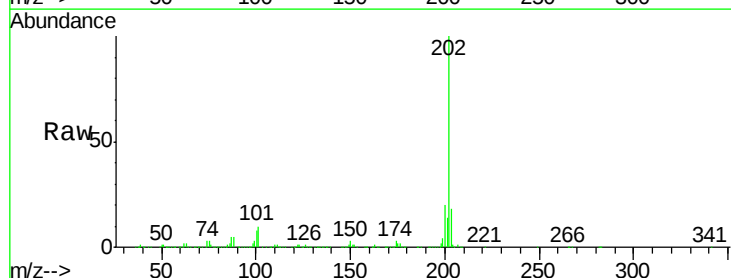
Manual Integrations
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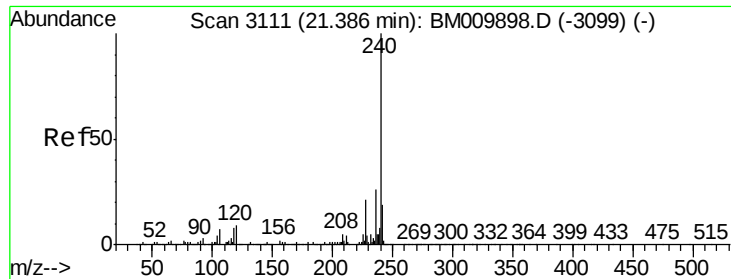
mohammad
5/8/2017 2:49:21 PM



#74
Fluoranthene
Concen: 36.29 ng
RT: 19.26 min Scan# 2749
Delta R.T. 0.00 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	28.7
203	17.7	0.0	37.2





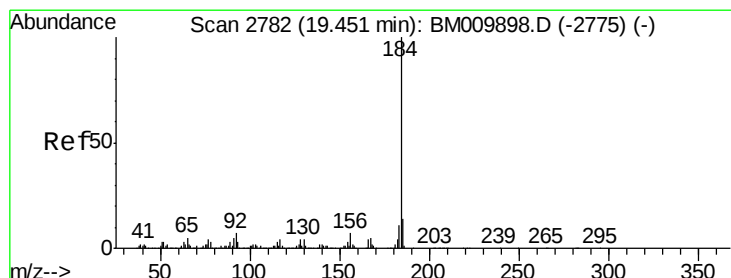
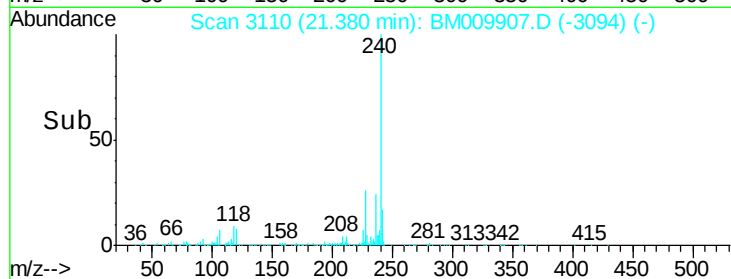
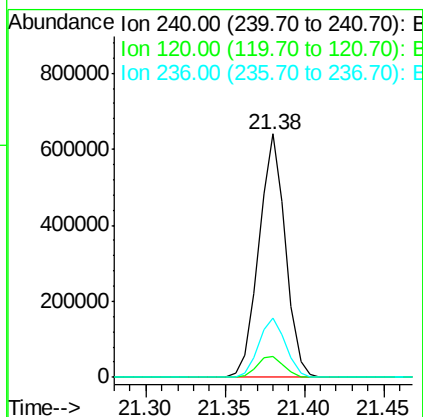
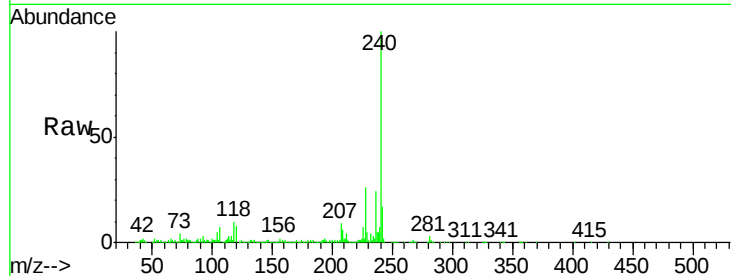
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.38 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	8.3	8.2	12.2
236	24.3	20.0	30.0

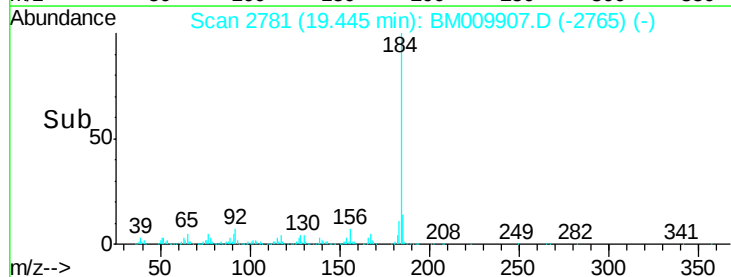
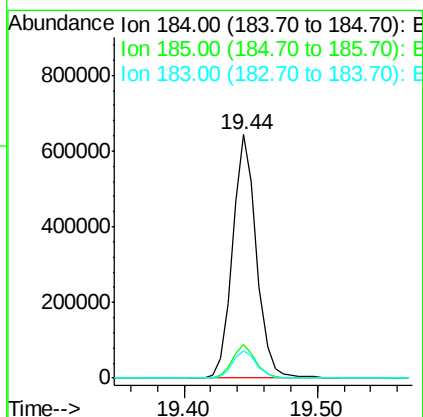
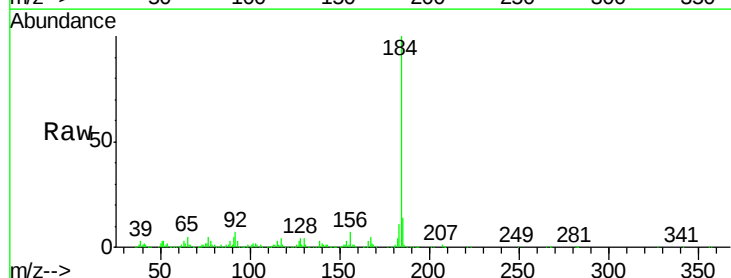
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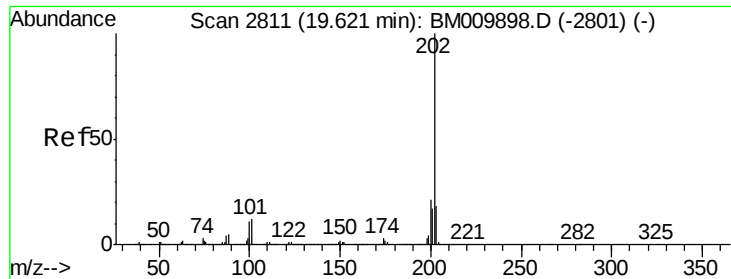
mohammad
5/8/2017 2:49:21 PM



#76
Benzidine
Concen: 35.67 ng
RT: 19.44 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	13.9	11.3	16.9
183	11.2	8.9	13.3





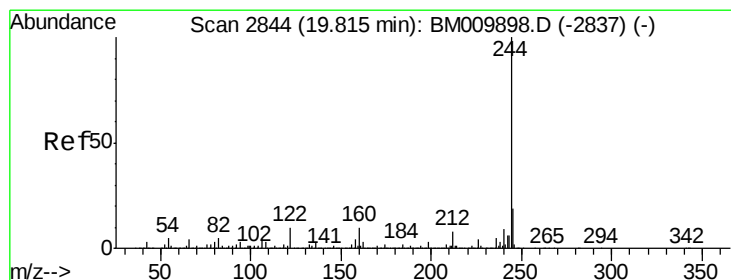
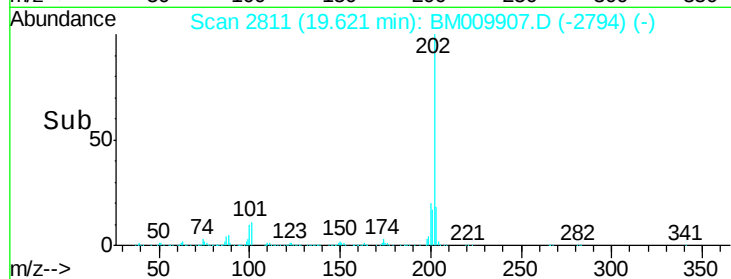
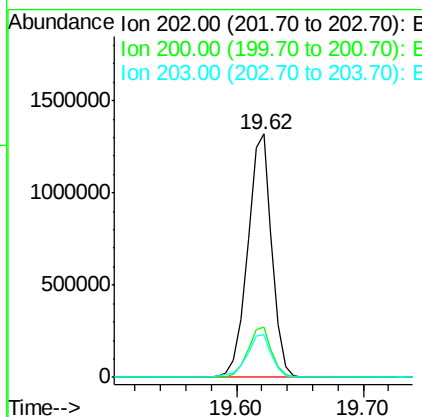
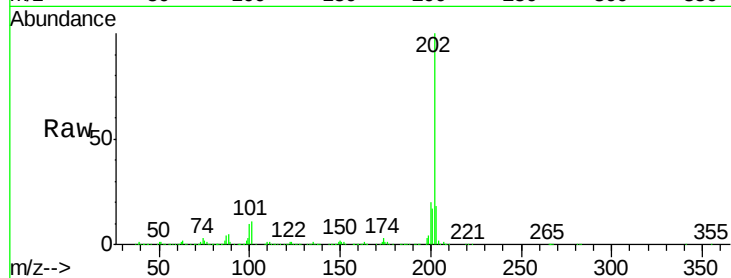
#77
 Pyrene
 Concen: 38.85 ng
 RT: 19.62 min Scan# 2811
 Delta R.T. 0.00 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB98666BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	17.8	14.1	21.1

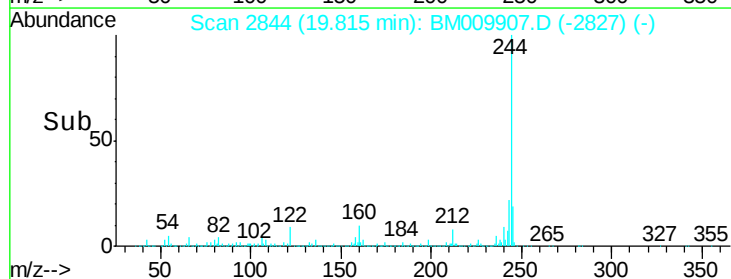
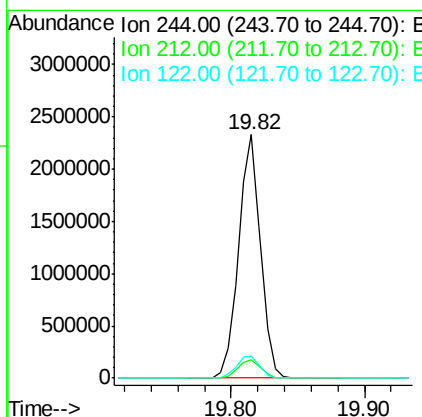
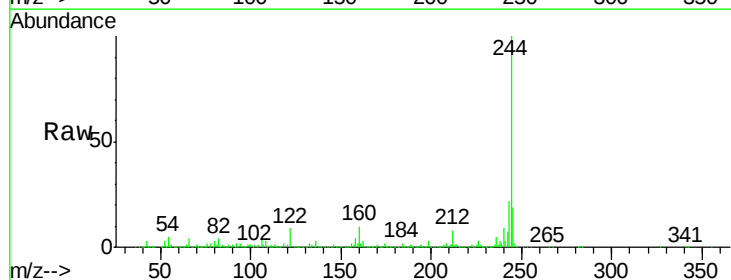
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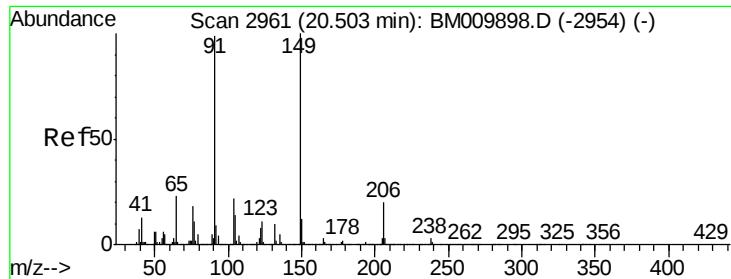
mohammad
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#78
 Terphenyl-d14
 Concen: 72.49 ng
 RT: 19.82 min Scan# 2844
 Delta R.T. 0.00 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	9.3	6.2	9.4





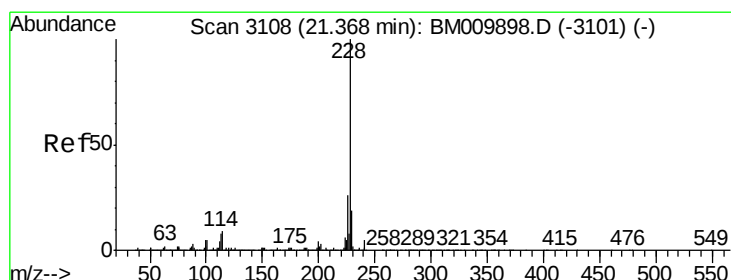
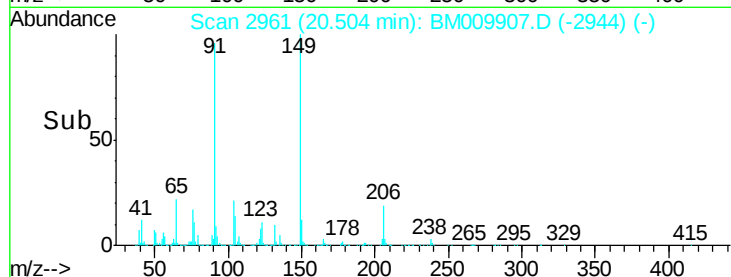
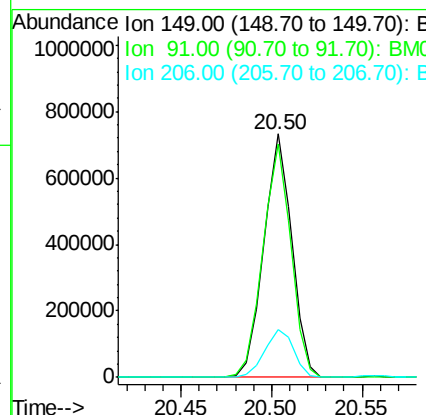
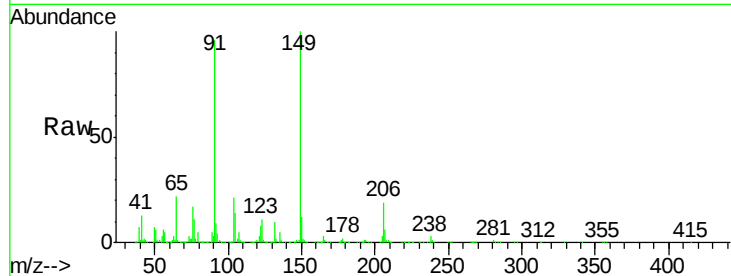
#79
Butylbenzylphthalate
Concen: 36.65 ng
RT: 20.50 min Scan# 2961
Delta R.T. 0.00 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	95.8	50.1	75.1#
206	19.4	16.2	24.2

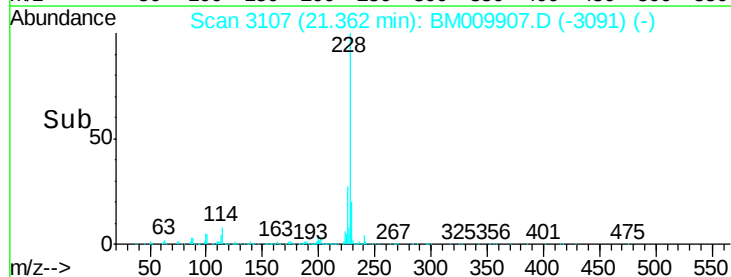
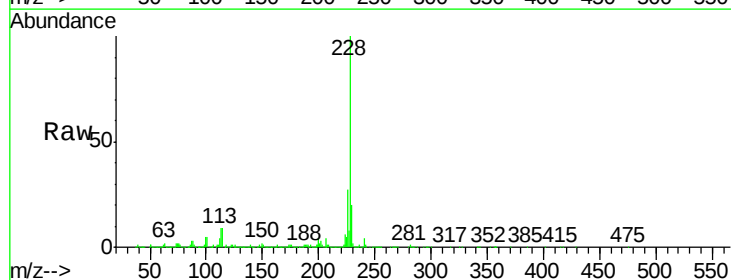
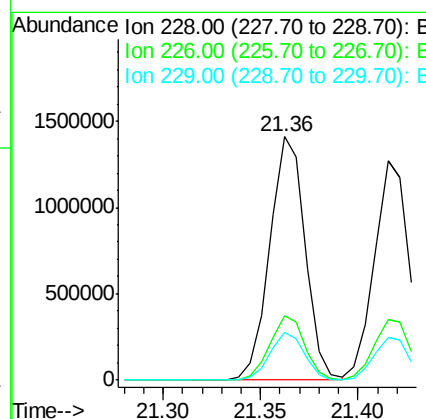
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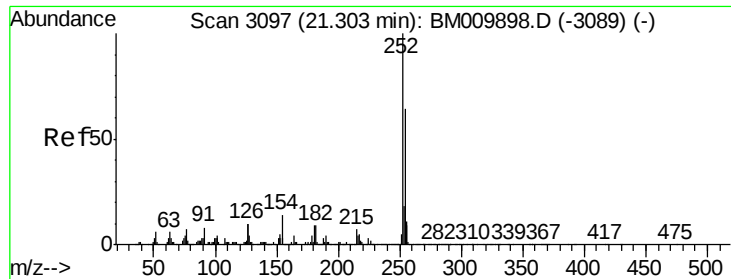
mohammad
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#80
Benzo(a)anthracene
Concen: 39.38 ng
RT: 21.36 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.7	32.5
229	19.6	16.0	24.0





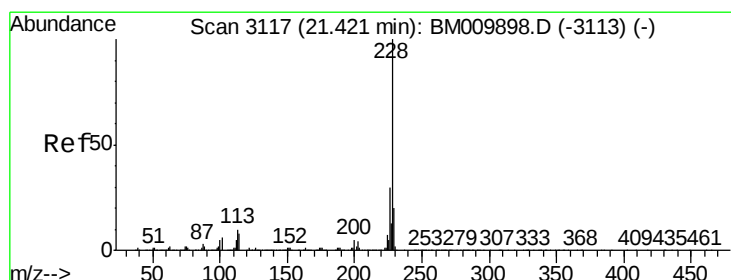
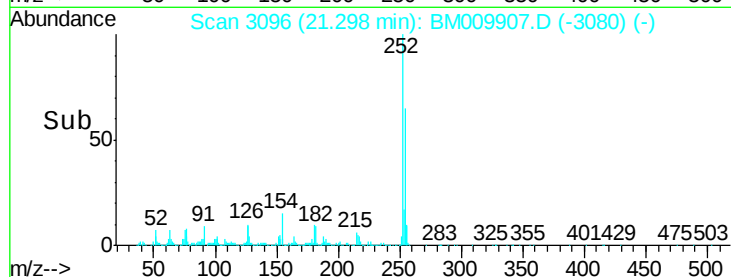
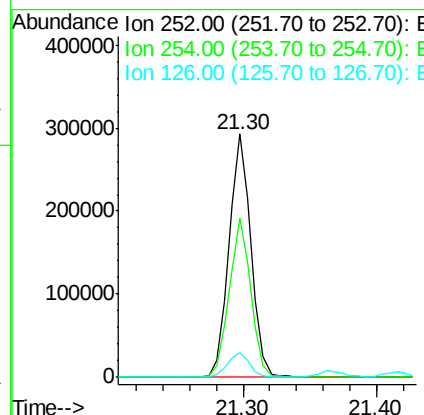
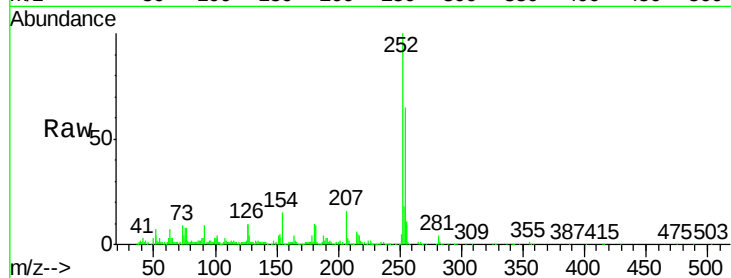
#81
 3,3'-Dichlorobenzidine
 Concen: 18.94 ng
 RT: 21.30 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB98666BSD

Tgt Ion:	252	Resp:	338081
Ion Ratio	Lower	Upper	
252	100		
254	65.4	51.9	77.9
126	10.3	9.8	14.8

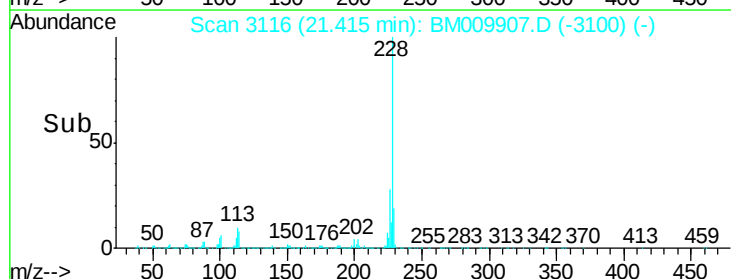
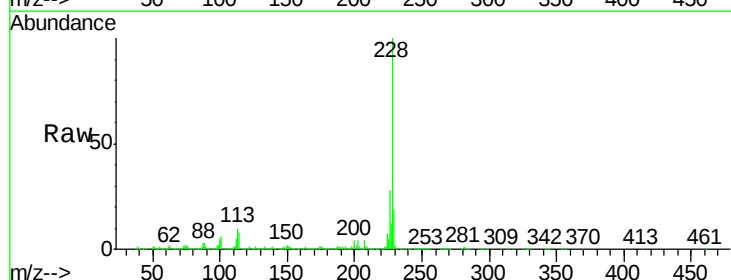
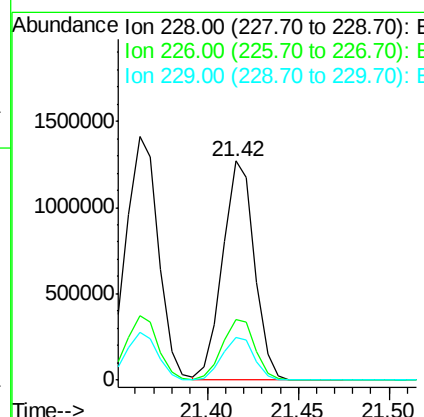
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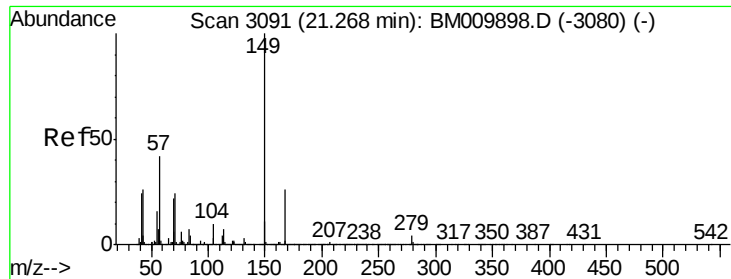
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#82
 Chrysene
 Concen: 36.61 ng
 RT: 21.42 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Tgt Ion:	228	Resp:	1546039
Ion Ratio	Lower	Upper	
228	100		
226	27.7	24.1	36.1
229	19.3	15.5	23.3





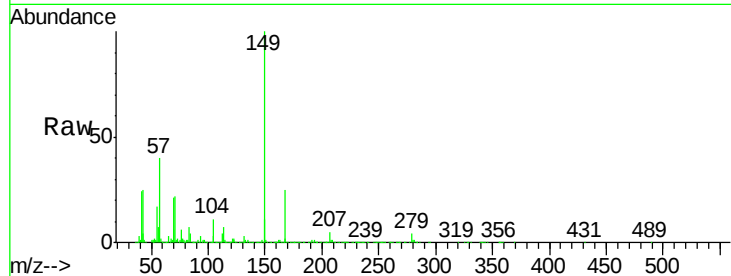
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.86 ng
 RT: 21.27 min Scan# 3091
 Delta R.T. 0.00 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB98666BSD

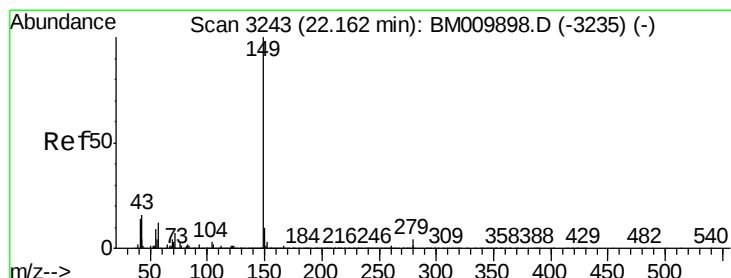
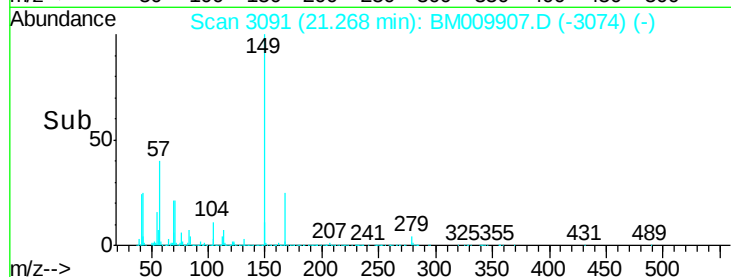
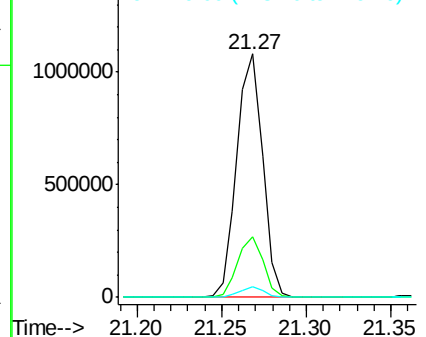
Tgt Ion:149 Resp: 1151874
 Ion Ratio Lower Upper
 149 100
 167 24.7 22.4 33.6
 279 4.2 3.4 5.0

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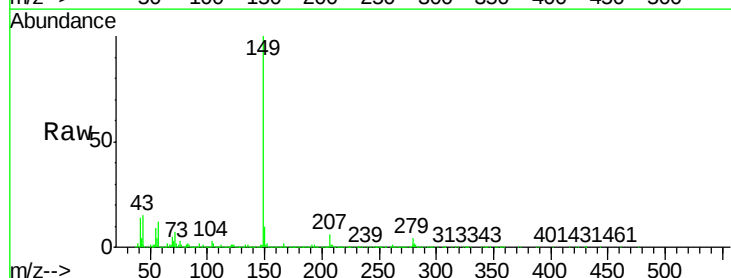


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

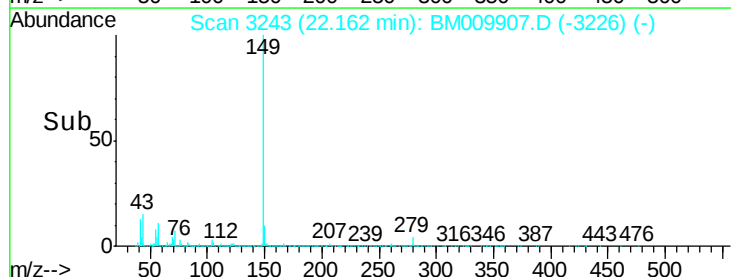
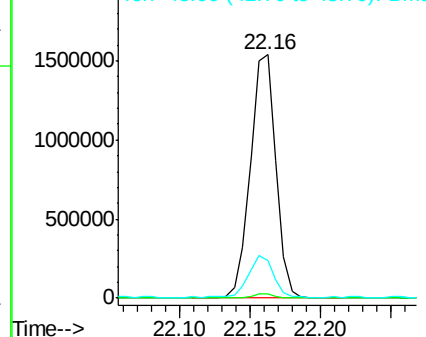


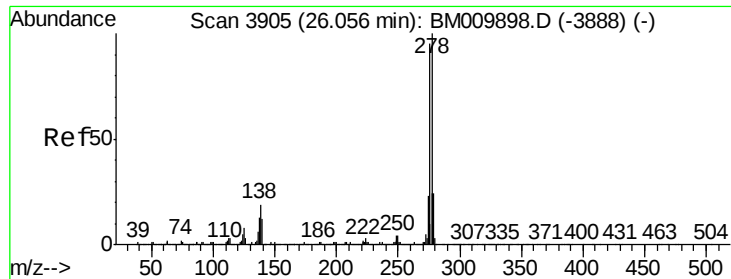
#84
 Di-n-octyl phthalate
 Concen: 33.89 ng
 RT: 22.16 min Scan# 3243
 Delta R.T. 0.00 min
 Lab File: BM009907.D
 Acq: 05 May 2017 18:03

Tgt Ion:149 Resp: 1944259
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 16.7 7.3 10.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BM0





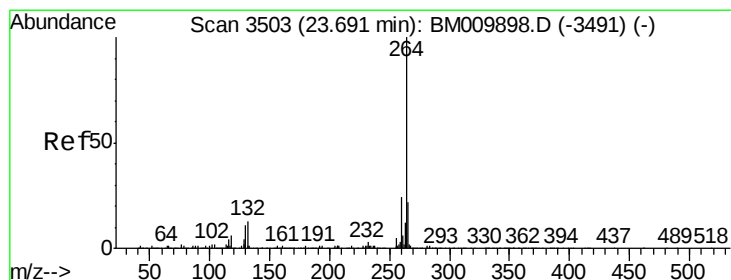
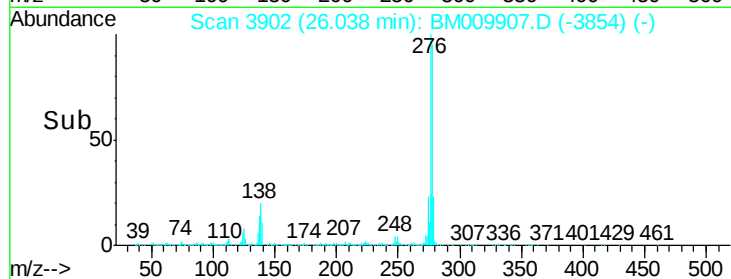
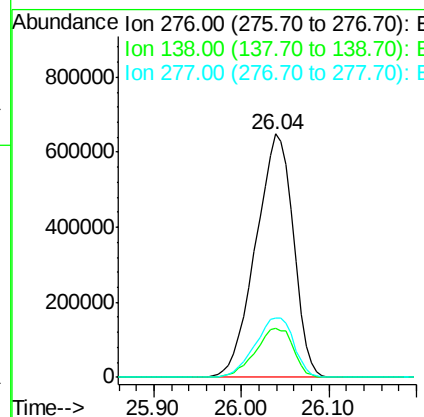
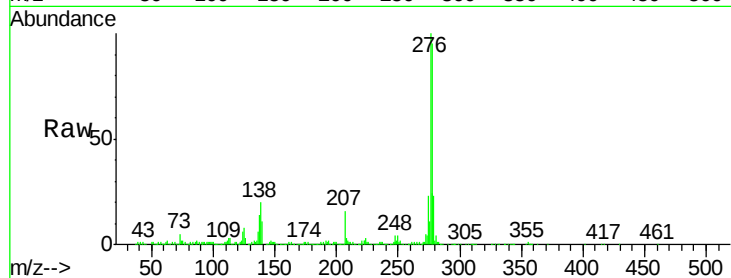
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.17 ng
RT: 26.04 min Scan# 3902
Delta R.T. -0.02 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1912640		
138	20.3	0.0	0.0	0.0
277	25.2	0.0	0.0	0.0

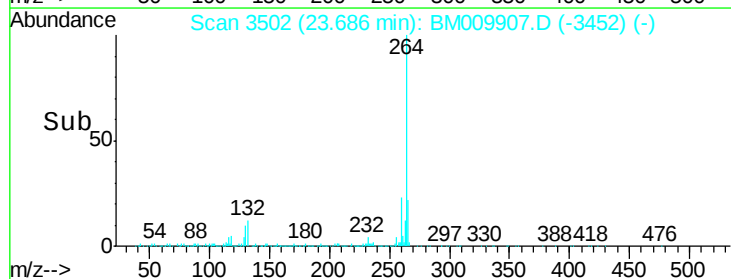
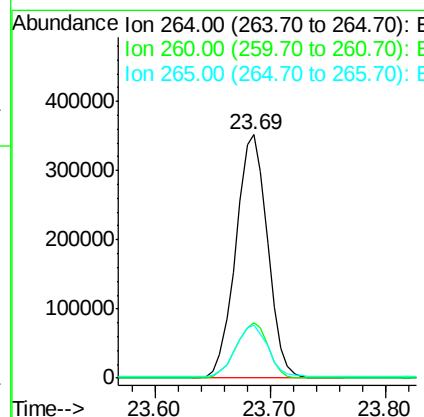
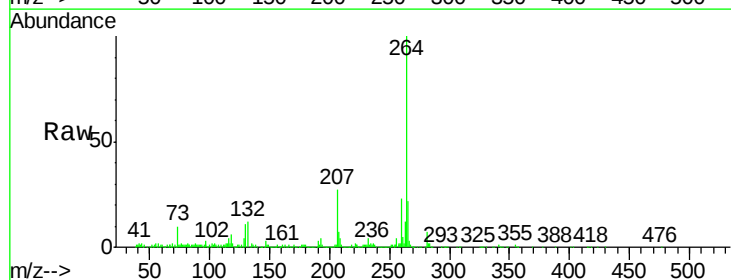
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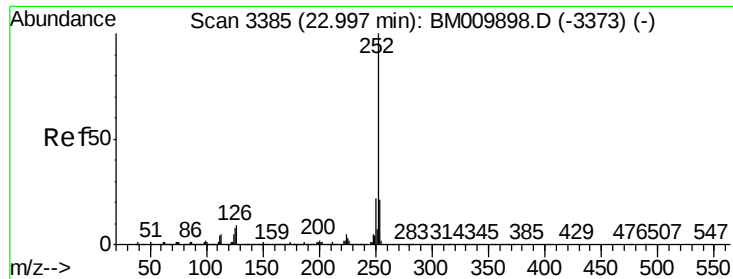
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.69 min Scan# 3502
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	669324		
260	23.0	18.6	27.8	
265	21.6	17.3	25.9	





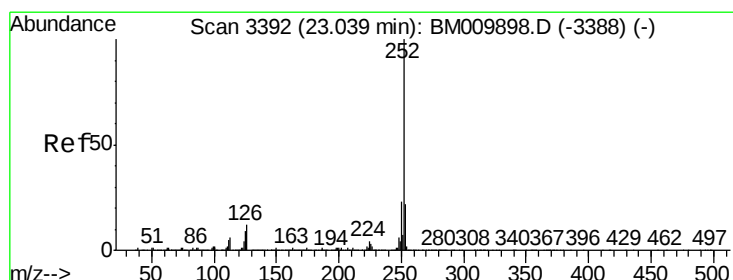
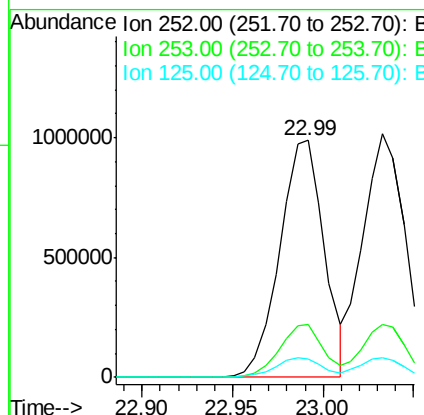
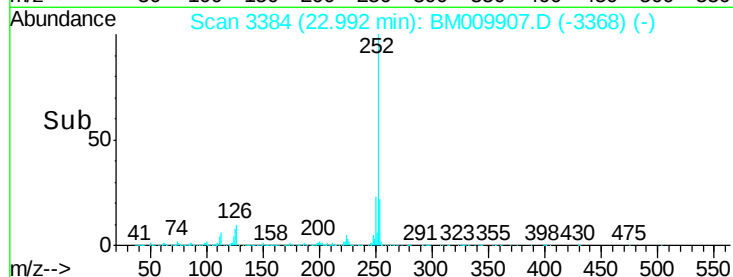
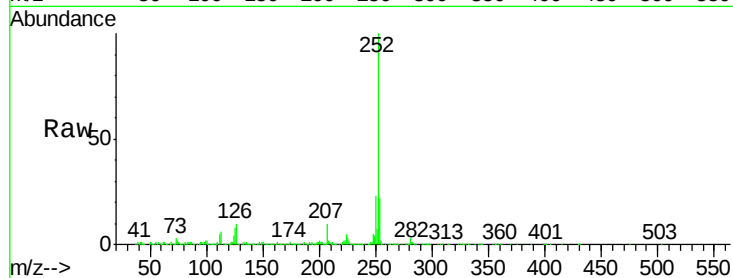
#87
Benzo(b)fluoranthene
Concen: 39.67 ng
RT: 22.99 min Scan# 3384
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	8.0	9.9	14.9

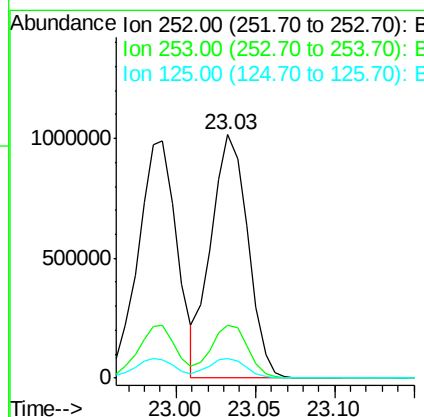
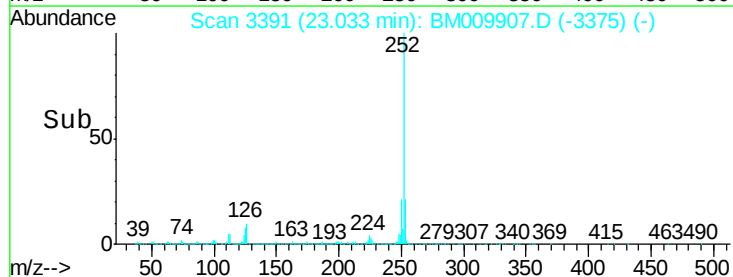
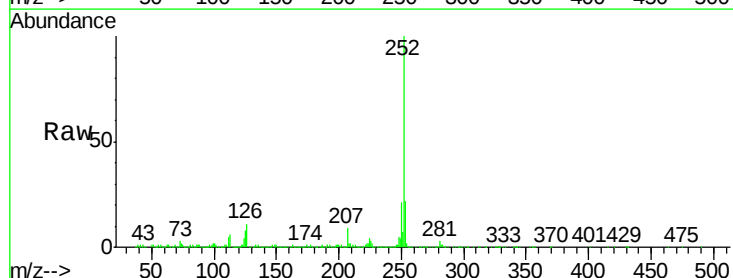
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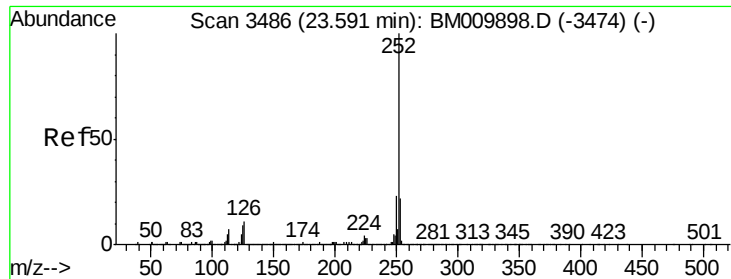
mohammad
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#88
Benzo(k)fluoranthene
Concen: 39.66 ng
RT: 23.03 min Scan# 3391
Delta R.T. -0.01 min
Lab File: BM009907.D
Acq: 05 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	8.1	8.1	12.1





#89

Benzo(a)pyrene

Concen: 40.81 ng

RT: 23.59 min Scan# 3485

Delta R.T. -0.01 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Instrument :

BNA_M

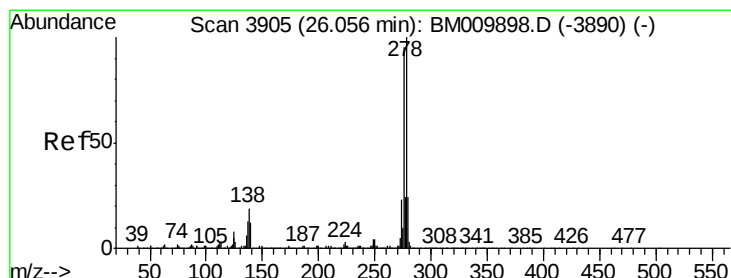
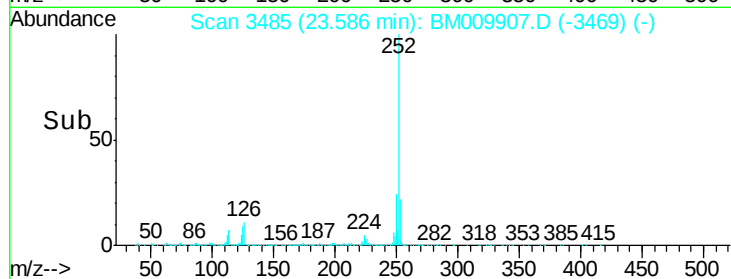
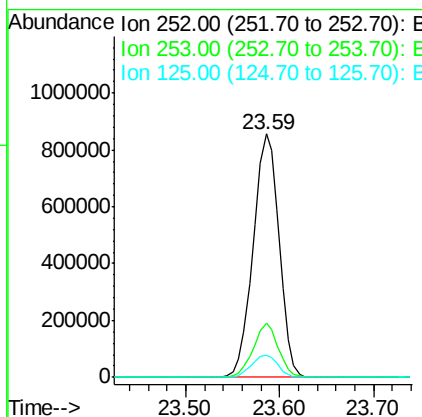
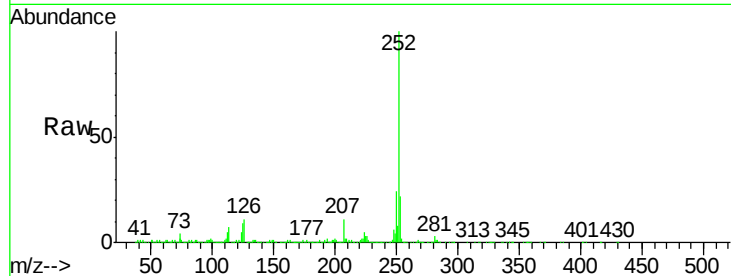
ClientSampleId :

PB98666BSD

Tgt Ion:	252	Resp:	1633100
Ion Ratio		Lower	Upper
252	100		
253	22.5	17.6	26.4
125	9.1	7.4	11.2

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#90

Dibenzo(a,h)anthracene

Concen: 40.62 ng

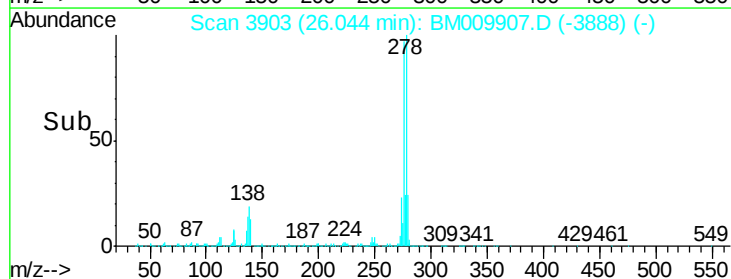
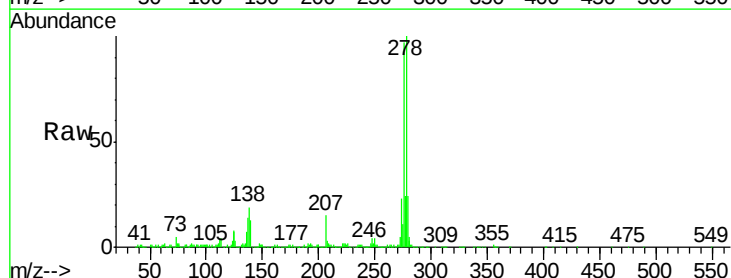
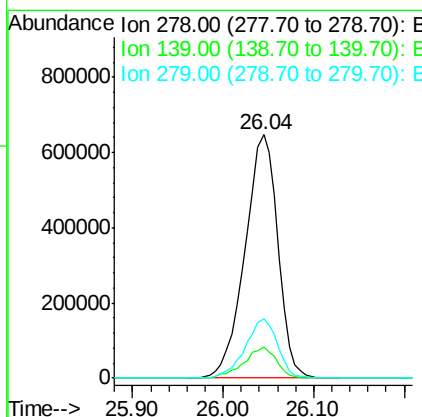
RT: 26.04 min Scan# 3903

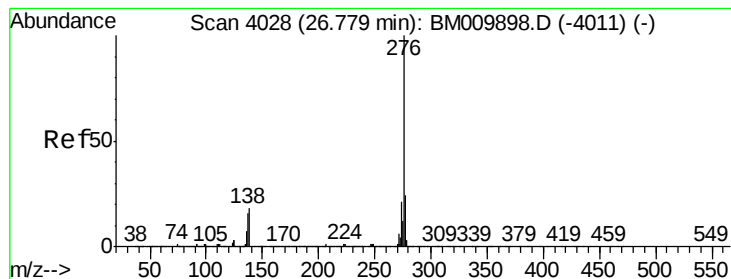
Delta R.T. -0.01 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Tgt Ion:	278	Resp:	1630821
Ion Ratio		Lower	Upper
278	100		
139	12.7	13.4	20.0#
279	24.3	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 40.19 ng

RT: 26.76 min Scan# 4025

Delta R.T. -0.02 min

Lab File: BM009907.D

Acq: 05 May 2017 18:03

Instrument :

BNA_M

ClientSampleId :

PB98666BSD

Tgt Ion: 276 Resp: 1513458

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 16.7 19.0 28.6#

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