

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
 Data File : BM009454.D
 Acq On : 30 Mar 2017 17:09
 Operator : SJ/MA
 Sample : PB97931BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BSD

Manual Integrations
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 3/31/2017 2:12:01 PM

Quant Time: Mar 31 08:54:29 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	131400	20.00	ng	-0.01
21) Naphthalene-d8	10.65	136	514733	20.00	ng	-0.01
38) Acenaphthene-d10	14.49	164	293056	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	666083	20.00	ng	0.00
75) Chrysene-d12	21.42	240	871422	20.00	ng	0.00
86) Perylene-d12	23.74	264	837855	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	729332	92.52	ng	-0.01
7) Phenol-d6	7.01	99	997359	92.78	ng	-0.01
23) Nitrobenzene-d5	9.02	82	1093892	79.68	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	344144	94.53	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	2067118	84.99	ng	-0.01
78) Terphenyl-d14	19.86	244	3095634	74.23	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	133274	33.62	ng	# 100
3) Pyridine	3.75	79	412680	36.84	ng	# 84
4) n-Nitrosodimethylamine	3.67	42	247245	41.46	ng	# 67
6) Aniline	7.18	93	288184	19.73	ng	# 87
8) 2-Chlorophenol	7.41	128	364392	45.59	ng	# 80
9) Benzaldehyde	7.00	77	86154	10.18	ng	# 82
10) Phenol	7.04	94	532529	45.72	ng	90
11) bis(2-Chloroethyl)ether	7.27	93	382812	40.10	ng	84
12) 1,3-Dichlorobenzene	7.74	146	391991	40.96	ng	# 89
13) 1,4-Dichlorobenzene	7.89	146	404751	40.93	ng	# 93
14) 1,2-Dichlorobenzene	8.20	146	381634	39.75	ng	# 93
15) Benzyl Alcohol	8.09	79	418527	44.53	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.38	45	649544	39.14	ng	96
17) 2-Methylphenol	8.29	107	332362	43.61	ng	# 88
18) Hexachloroethane	8.92	117	165222	40.85	ng	91
19) n-Nitroso-di-n-propylamine	8.65	70	361662	41.73	ng	93
20) 3+4-Methylphenols	8.62	107	452266	43.64	ng	90
22) Acetophenone	8.67	105	606324	41.77	ng	# 90
24) Nitrobenzene	9.06	77	541299	40.25	ng	91
25) Isophorone	9.57	82	890839	42.54	ng	# 90
26) 2-Nitrophenol	9.76	139	184600	45.51	ng	# 46
27) 2,4-Dimethylphenol	9.82	122	339369	45.73	ng	# 80
28) bis(2-Chloroethoxy)methane	10.06	93	536307	41.36	ng	99
29) 2,4-Dichlorophenol	10.29	162	351896	45.36	ng	93
30) 1,2,4-Trichlorobenzene	10.51	180	400683	41.63	ng	98
31) Naphthalene	10.70	128	1109233	40.60	ng	100
32) Benzoic acid	9.94	122	198124	39.26	ng	# 65
33) 4-Chloroaniline	10.82	127	105016	9.96	ng	# 83
34) Hexachlorobutadiene	10.97	225	264661	40.16	ng	97
35) Caprolactam	11.59	113	106237m	44.86	ng	
36) 4-Chloro-3-methylphenol	11.93	107	392504	44.72	ng	# 82
37) 2-Methylnaphthalene	12.31	142	800352	42.44	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	468044	42.30	ng	# 100
40) Hexachlorocyclopentadiene	12.65	237	582475	91.72	ng	99

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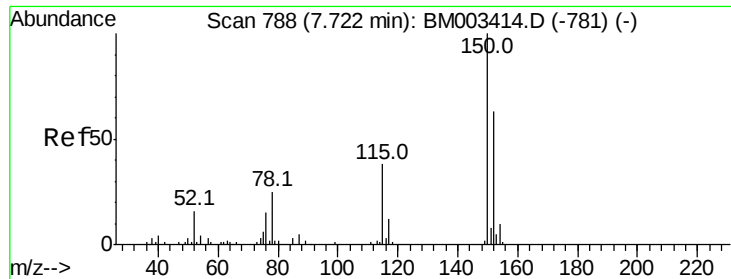
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	299065	47.27	nq	99
43) 2,4,5-Trichlorophenol	12.99	196	313939	44.48	nq #	88
45) 1,1'-Biphenyl	13.32	154	1064118	43.63	nq	96
46) 2-Chloronaphthalene	13.37	162	818386	43.20	nq	96
47) 2-Nitroaniline	13.58	65	316233	45.31	nq #	71
48) Acenaphthylene	14.22	152	1310382	42.47	nq	99
49) Dimethylphthalate	13.95	163	1018826	45.28	nq #	98
50) 2,6-Dinitrotoluene	14.07	165	224262	46.25	nq #	71
51) Acenaphthene	14.56	154	797778	42.85	nq	99
52) 3-Nitroaniline	14.41	138	95689	20.03	nq #	66
53) 2,4-Dinitrophenol	14.62	184	263152	80.44	nq	92
54) Dibenzofuran	14.89	168	1300178	47.22	nq	93
55) 4-Nitrophenol	14.71	139	368733	93.38	nq #	24
56) 2,4-Dinitrotoluene	14.86	165	309148	47.13	nq	98
57) Fluorene	15.54	166	1060529	42.86	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	293140	49.10	nq #	100
59) Diethylphthalate	15.32	149	1032310	45.23	nq	98
60) 4-Chlorophenyl-phenylether	15.53	204	551061	42.65	nq	99
61) 4-Nitroaniline	15.57	138	234833	45.26	nq #	33
62) Azobenzene	15.83	77	1311446	49.22	nq	87
64) 4,6-Dinitro-2-methylphenol	15.63	198	180548	43.02	nq	92
65) n-Nitrosodiphenylamine	15.75	169	908706	44.91	nq	99
66) 4-Bromophenyl-phenylether	16.43	248	340607	44.13	nq #	92
67) Hexachlorobenzene	16.54	284	361133	42.69	nq #	92
68) Atrazine	16.70	200	305237	40.11	nq	99
69) Pentachlorophenol	16.89	266	448013	86.70	nq	95
70) Phenanthrene	17.29	178	1656862	43.50	nq	99
71) Anthracene	17.37	178	1707291	44.27	nq	99
72) Carbazole	17.65	167	1536579	41.61	nq	98
73) Di-n-butylphthalate	18.20	149	1753373	46.48	nq #	97
74) Fluoranthene	19.30	202	1997150	44.27	nq	98
76) Benzidine	19.49	184	735778	28.33	nq	99
77) Pyrene	19.66	202	2090139	42.29	nq	99
79) Butylbenzylphthalate	20.55	149	826429	46.44	nq #	79
80) Benzo(a)anthracene	21.40	228	2217672	43.57	nq	98
81) 3,3'-Dichlorobenzidine	21.34	252	611486	32.08	nq #	96
82) Chrysene	21.46	228	1980363	40.75	nq	98
83) Bis(2-ethylhexyl)phthalate	21.32	149	1215297	45.76	nq	98
84) Di-n-octyl phthalate	22.21	149	2115893	47.87	nq #	91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2535111	47.83	nq #	100
87) Benzo(b)fluoranthene	23.04	252	2259411	42.54	nq #	95
88) Benzo(k)fluoranthene	23.09	252	2173706m	42.56	nq	
89) Benzo(a)pyrene	23.64	252	2147335	43.66	nq	99
90) Dibenzo(a,h)anthracene	26.13	278	2164943	44.93	nq #	94
91) Benzo(g,h,i)perylene	26.84	276	2072038	44.12	nq #	92

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



#1

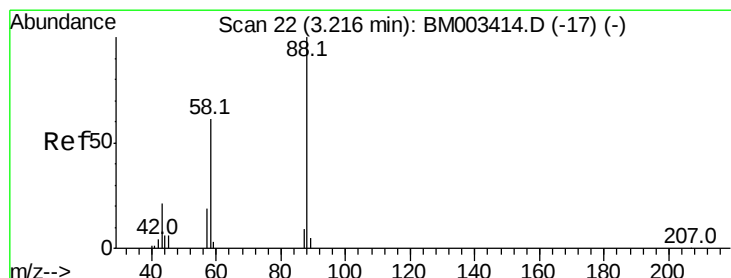
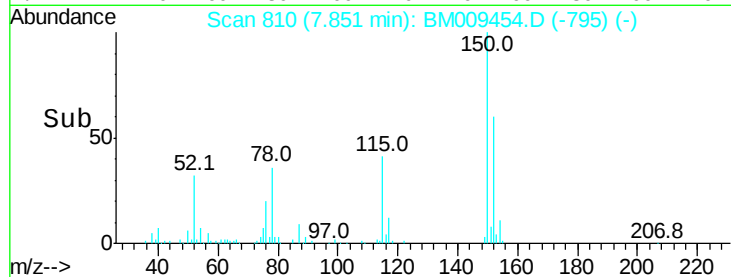
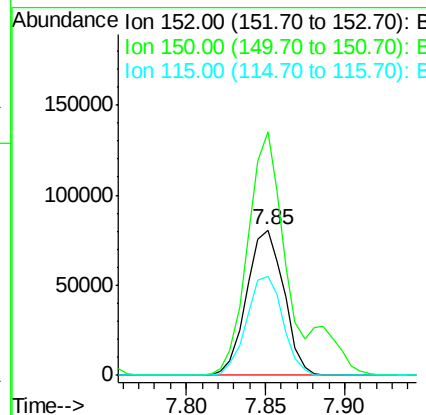
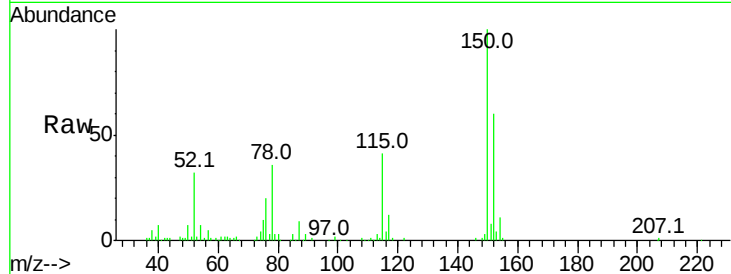
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.7	119.5	179.3
115	68.5	43.0	64.4

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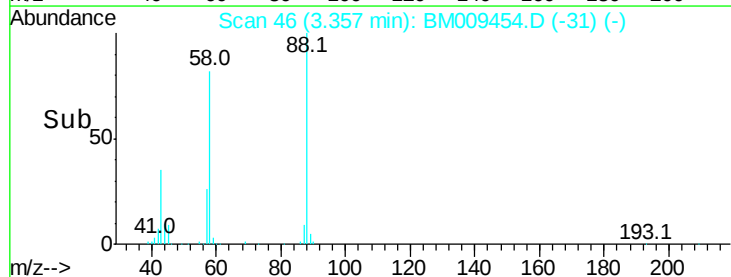
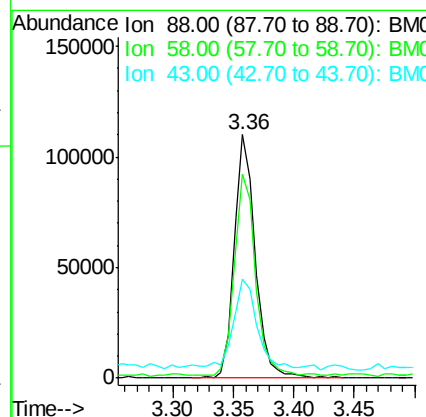
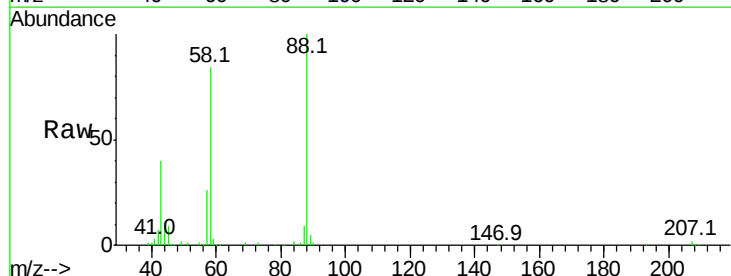
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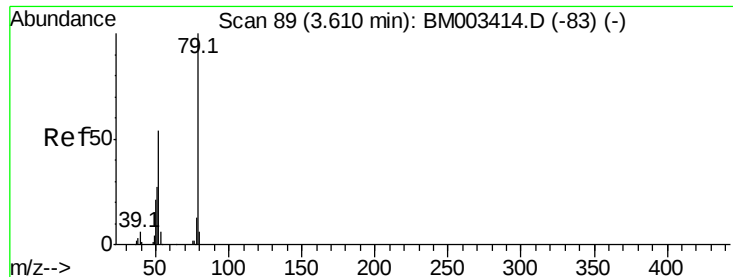


#2

1,4-Dioxane
Concen: 33.62 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.3	0.0	0.0
43	39.6	0.0	0.0





#3

Pvridine

Concen: 36.84 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

Instrument :

BNA_M

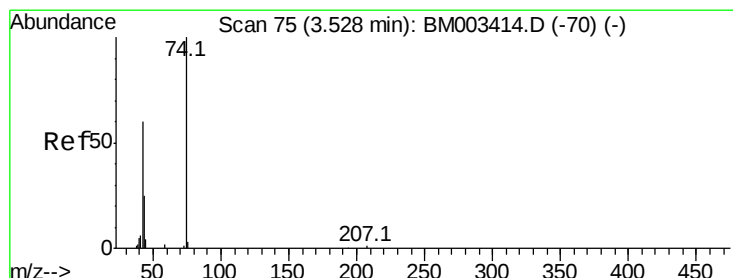
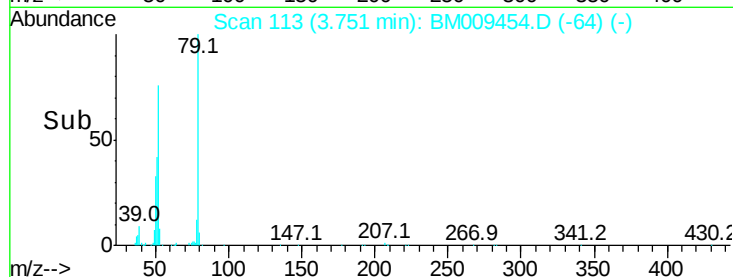
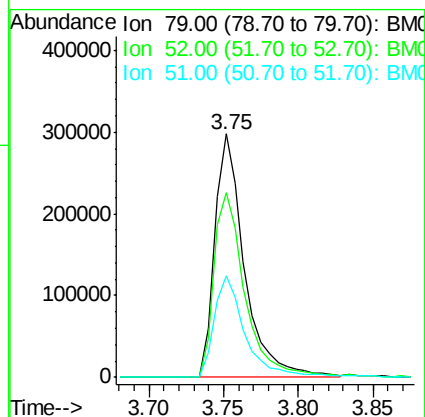
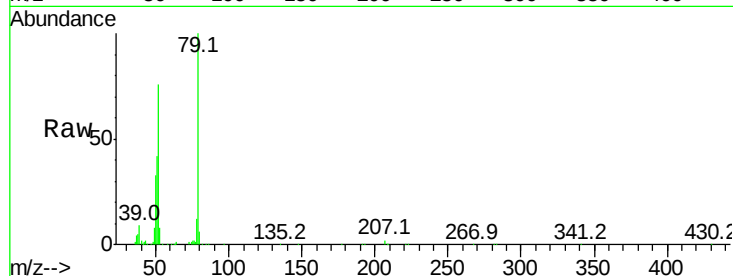
ClientSampleId :

PB97931BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.0	51.1	76.7
51	41.9	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 41.46 ng

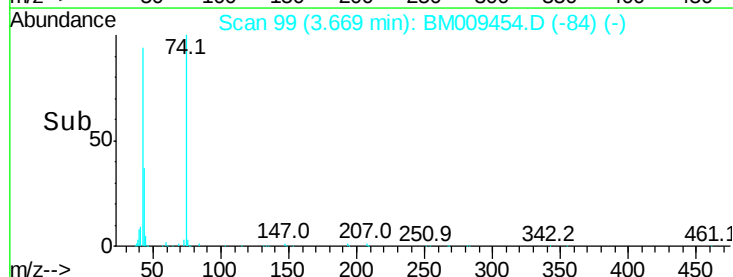
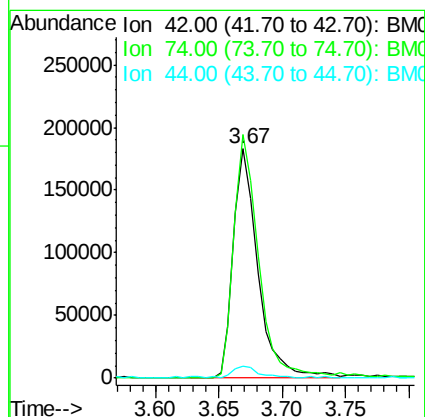
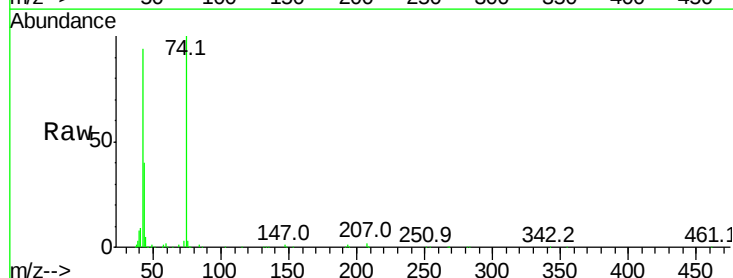
RT: 3.67 min Scan# 99

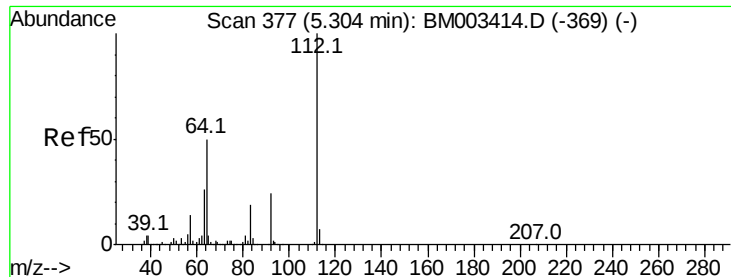
Delta R.T. -0.01 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	106.2	119.3	178.9#
44	5.4	5.4	8.2#





#5

2-Fluorophenol

Concen: 92.52 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

Instrument :

BNA_M

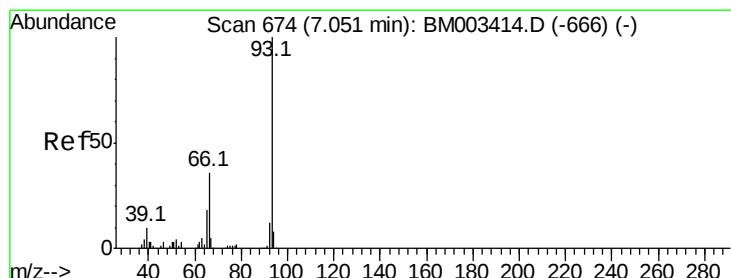
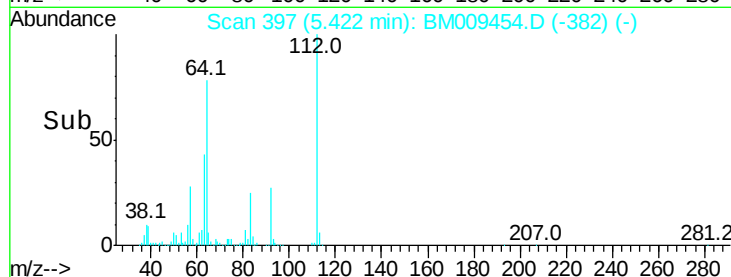
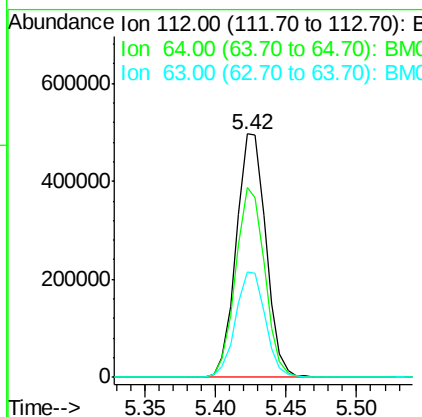
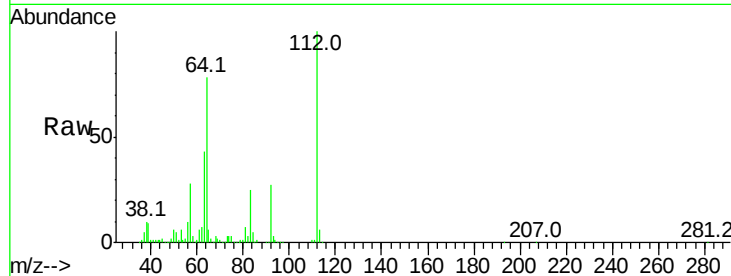
ClientSampleId :

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Tot Ion:	112	Resp:	729332
Ion Ratio	Lower	Upper	
112	100		
64	78.2	38.6	57.8#
63	43.3	19.3	28.9#

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#6

Aniline

Concen: 19.73 ng

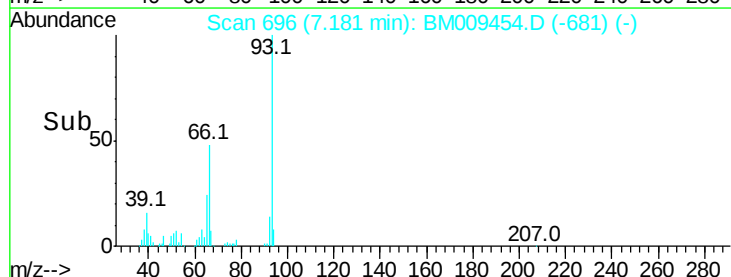
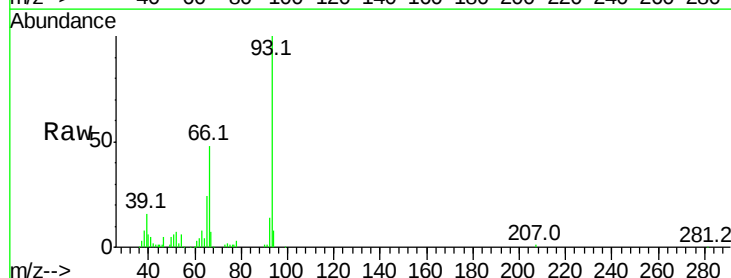
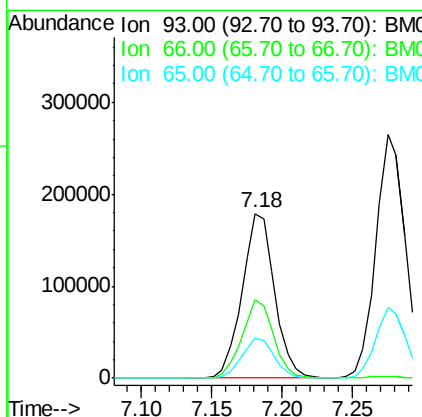
RT: 7.18 min Scan# 696

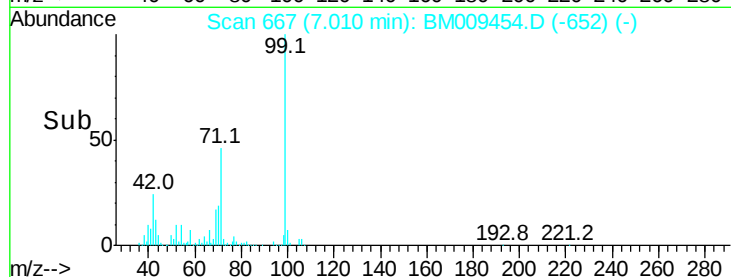
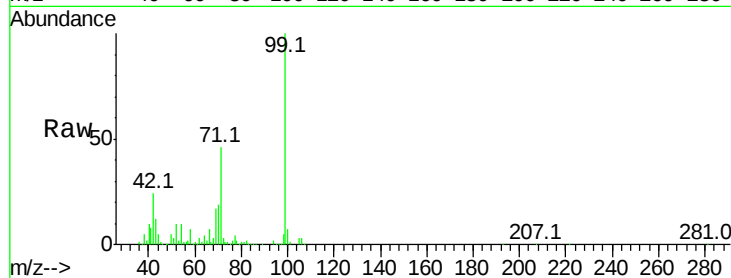
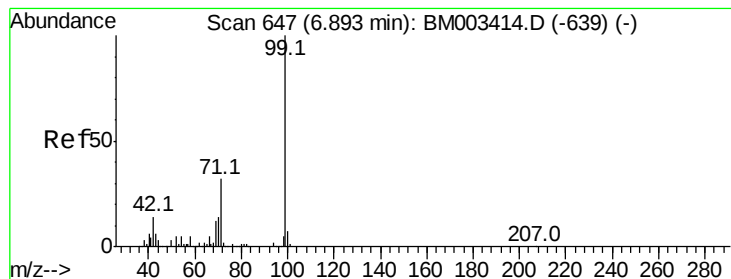
Delta R.T. -0.01 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

Tgt Ion:	93	Resp:	288184
Ion Ratio	Lower	Upper	
93	100		
66	48.1	30.8	46.2#
65	24.0	16.0	24.0#





#7

Phenol-d6

Concen: 92.78 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100				
42	24.1	11.0	16.4#		
71	45.8	23.4	35.2#		

Instrument :

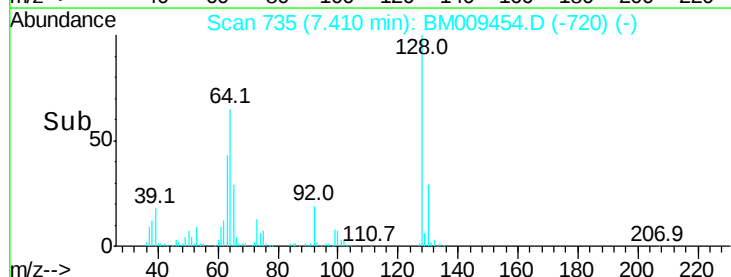
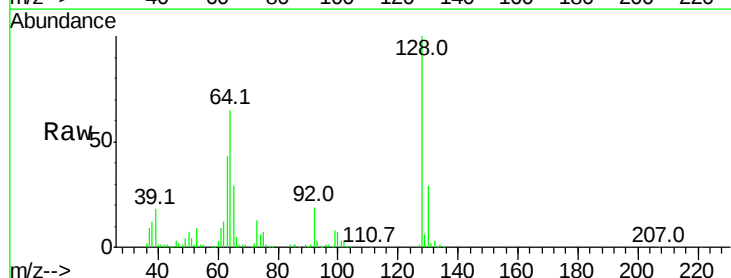
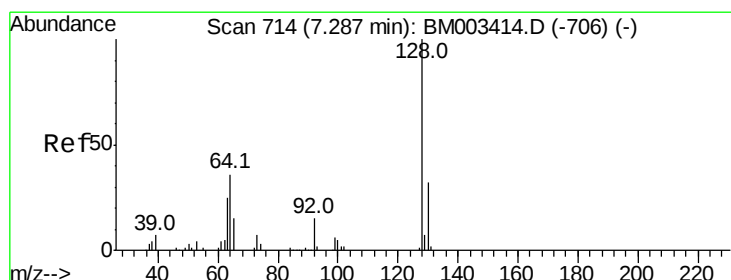
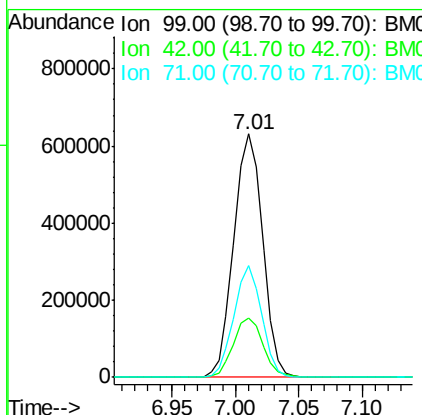
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#8

2-Chlorophenol

Concen: 45.59 ng

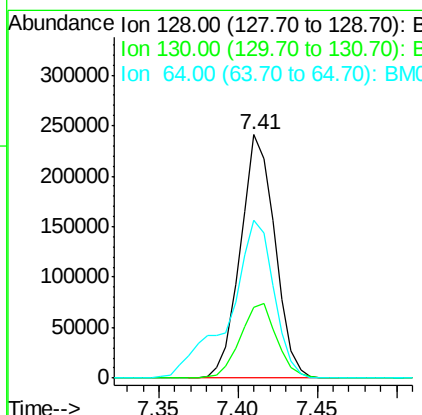
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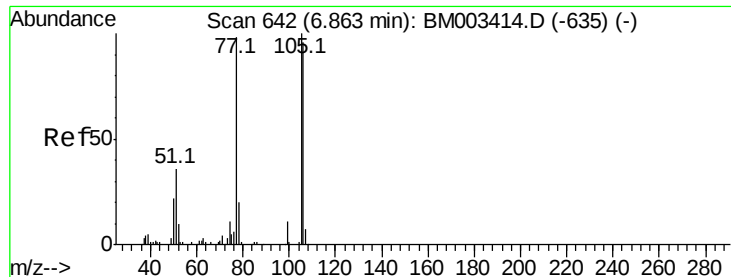
Delta R.T. -0.01 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
130	29.3	12.0	52.0		
64	65.0	24.9	64.9#		





#9

Benzaldehyde

Concen: 10.18 ng

RT: 7.00 min Scan# 665

Delta R.T. -0.01 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

Instrument :

BNA_M

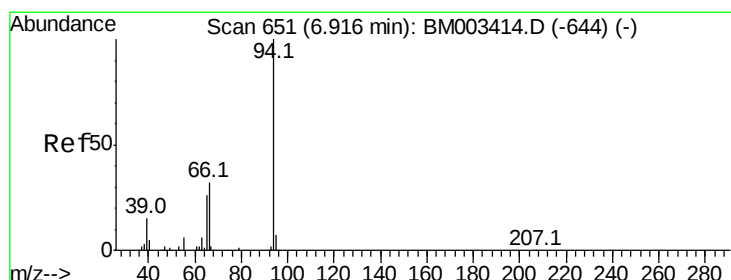
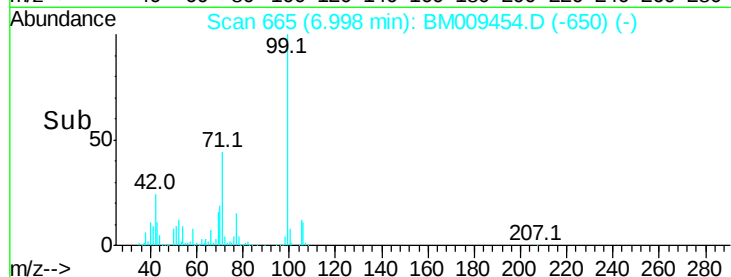
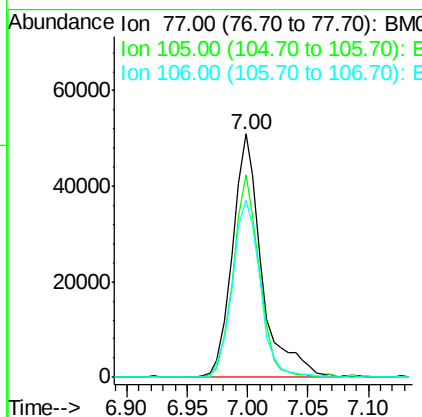
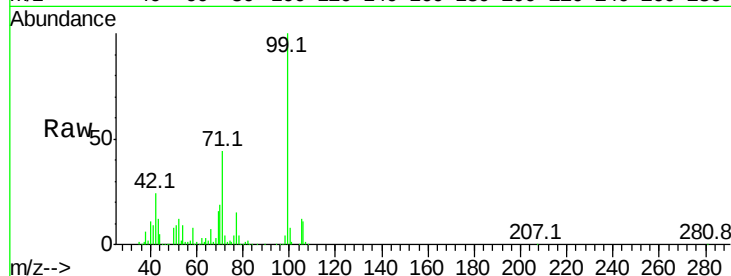
ClientSampleId :

PB97931BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	83.5	78.8	118.8
106	72.8	73.7	113.7

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#10

Phenol

Concen: 45.72 ng

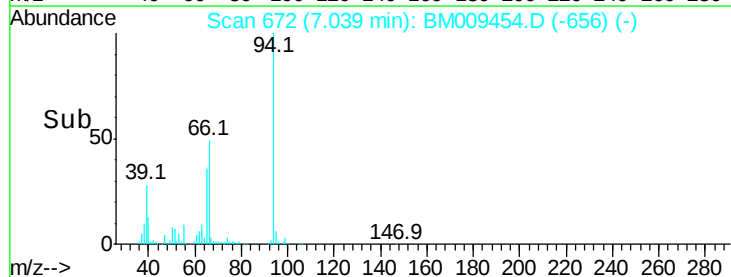
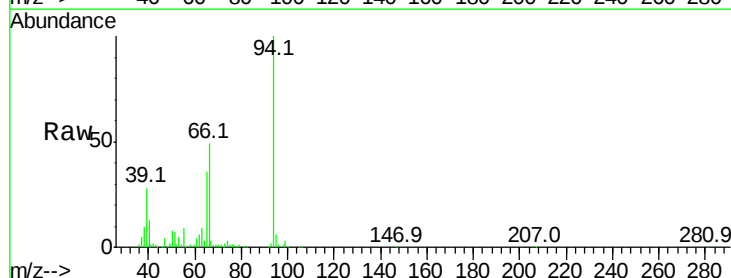
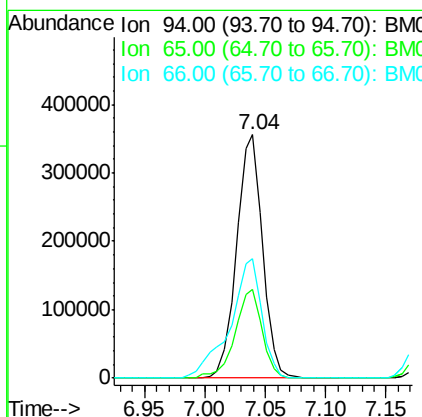
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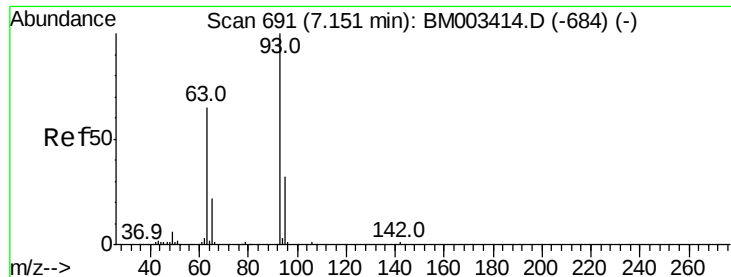
Delta R.T. -0.01 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.2	18.8	58.8
66	48.9	39.9	79.9





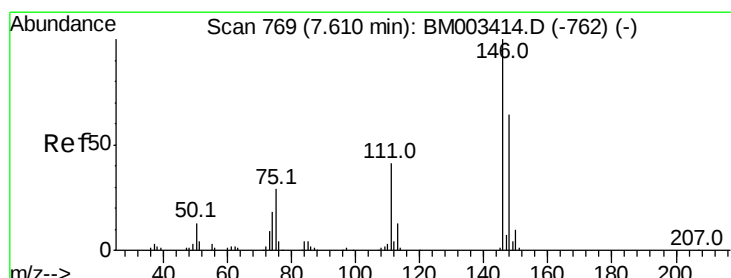
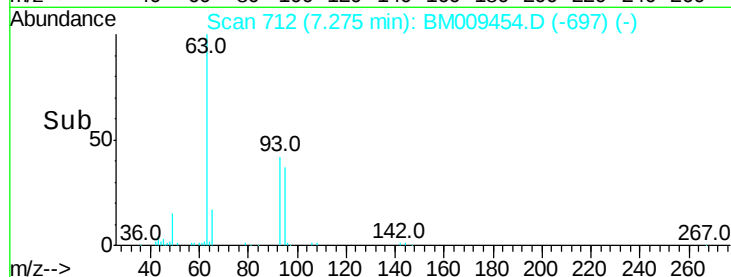
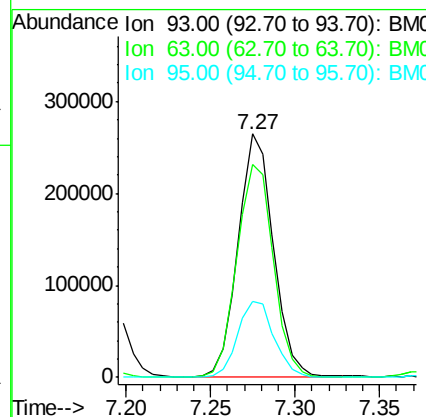
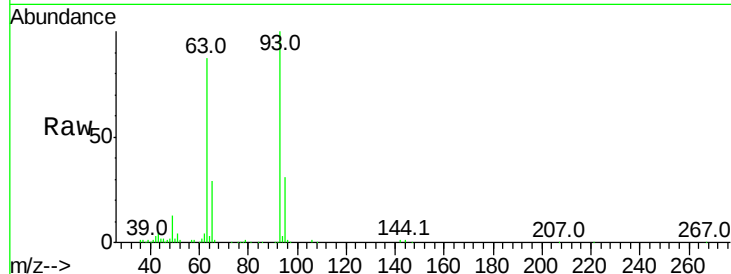
#11
bis(2-Chloroethyl)ether
Concen: 40.10 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	87.3	49.5	89.5	
95	31.0	13.5	53.5	

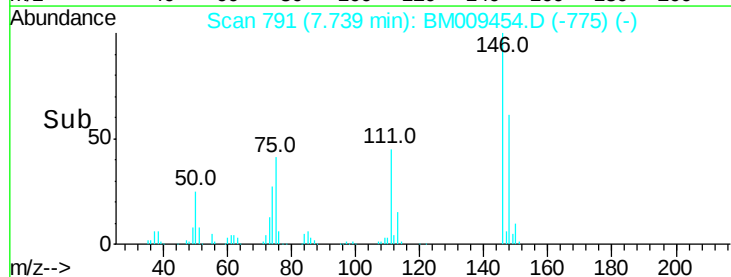
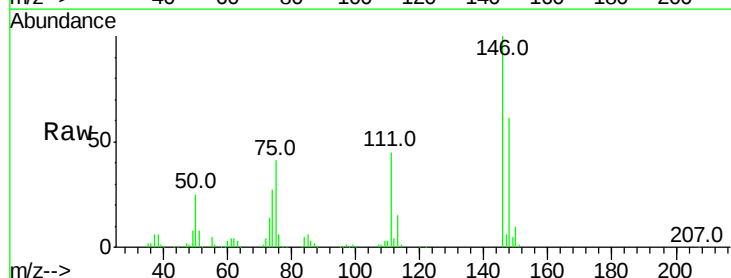
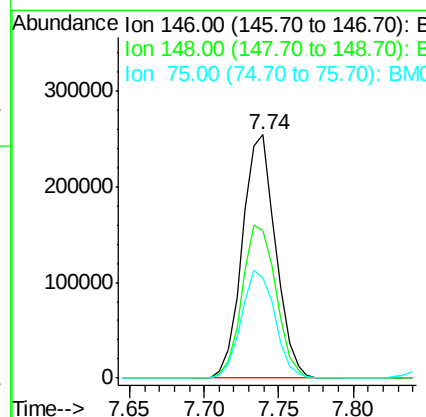
Manual Integrations
APPROVED

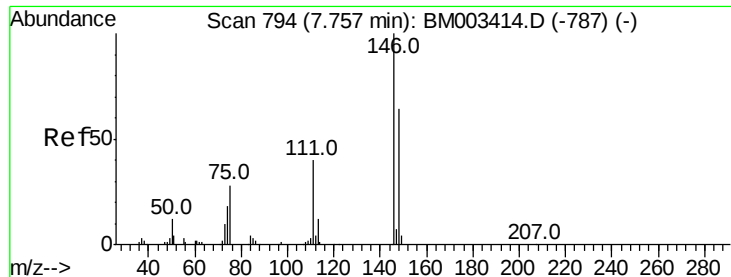
mohammad
3/31/2017 2:12:01 PM



#12
1,3-Dichlorobenzene
Concen: 40.96 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	60.7	50.9	76.3	
75	41.3	21.4	32.2	





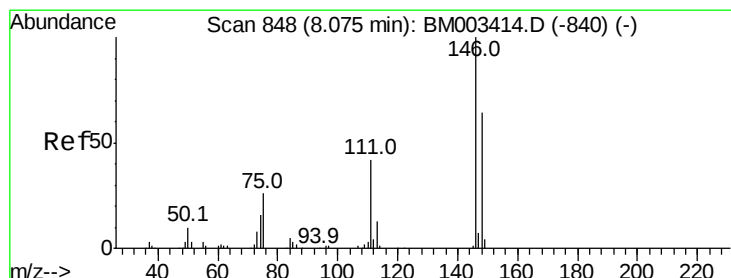
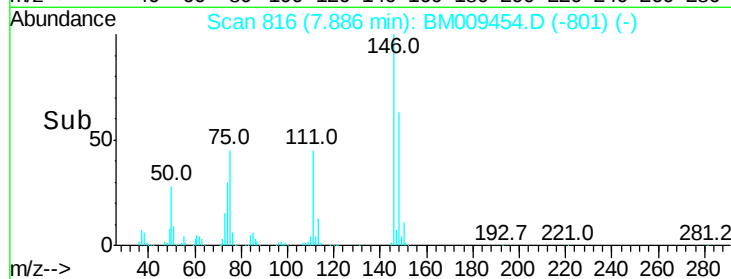
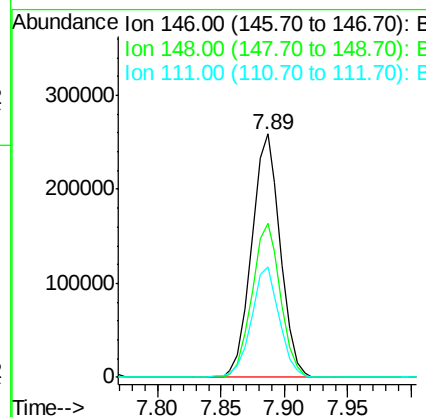
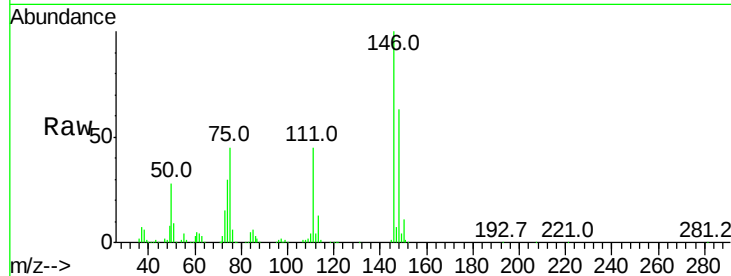
#13
 1,4-Dichlorobenzene
 Concen: 40.93 ng
 RT: 7.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.9	77.9
111	45.3	29.2	43.8

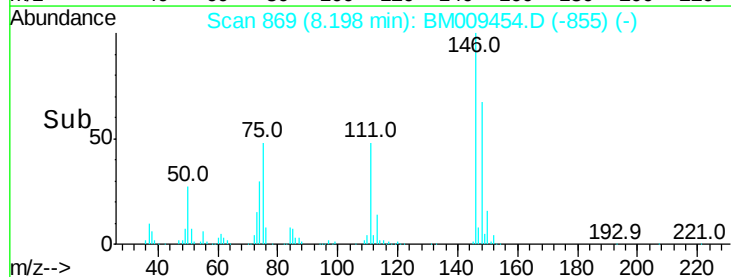
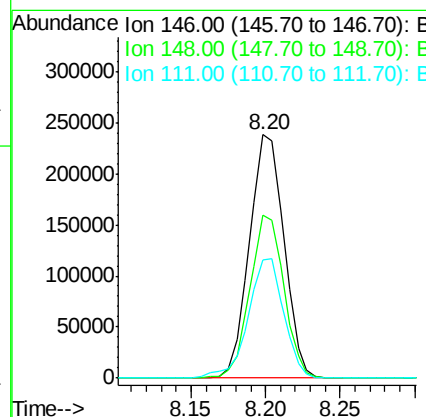
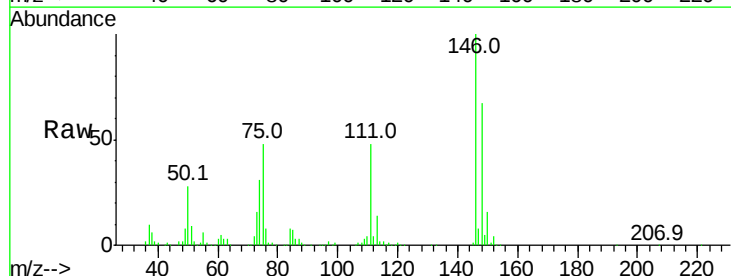
Manual Integrations
 APPROVED

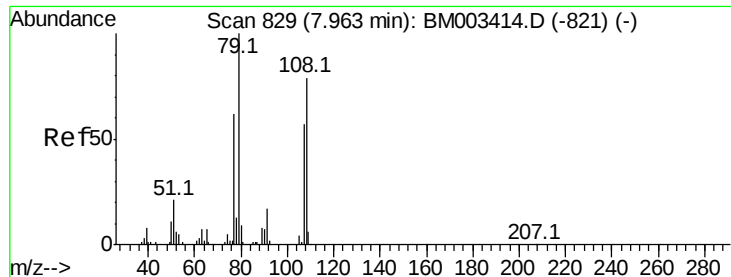
mohammad
 3/31/2017 2:12:01 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.75 ng
 RT: 8.20 min Scan# 869
 Delta R.T. -0.02 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	52.3	78.5
111	48.4	30.6	45.8





#15

Benzyl Alcohol

Concen: 44.53 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

Instrument :

BNA_M

ClientSampleId :

PB97931BSD

Tot Ion: 79 Resp: 418527

Ion Ratio Lower Upper

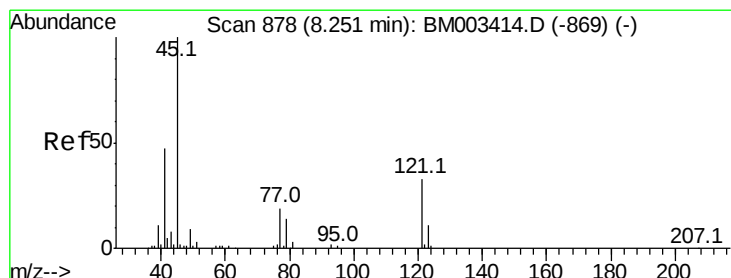
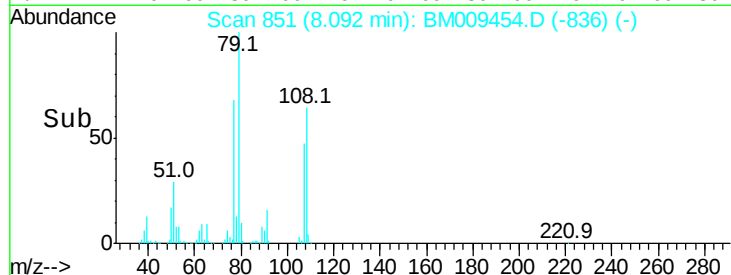
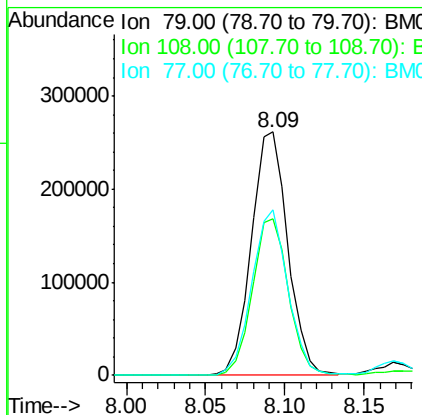
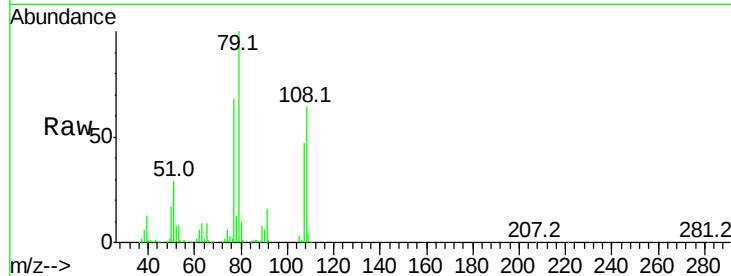
79 100

108 64.1 65.0 97.4#

77 67.8 53.0 79.6

Manual Integrations
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3/31/2017 2:12:01 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.14 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

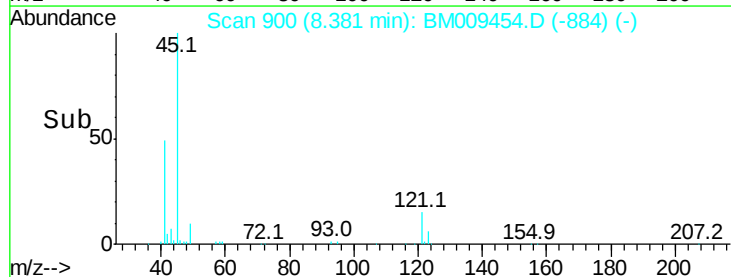
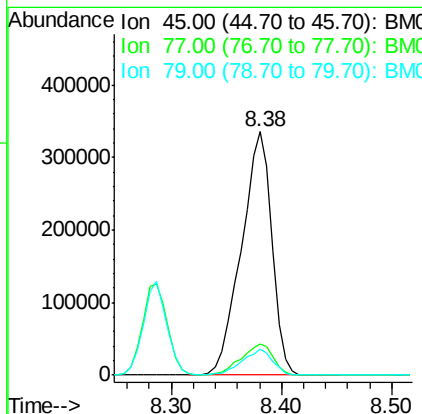
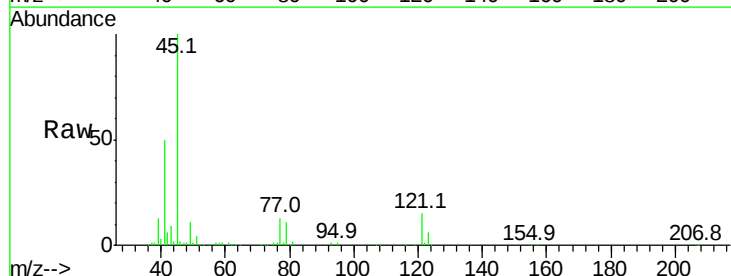
Tgt Ion: 45 Resp: 649544

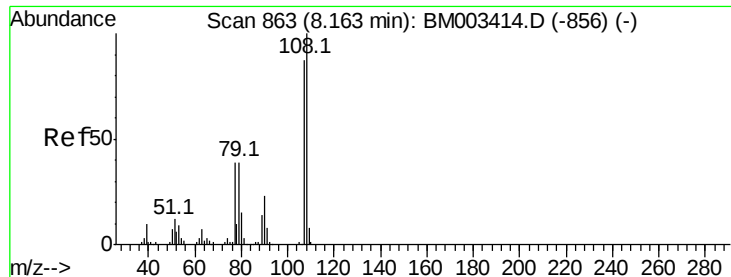
Ion Ratio Lower Upper

45 100

77 12.9 0.0 35.2

79 10.9 0.0 32.0





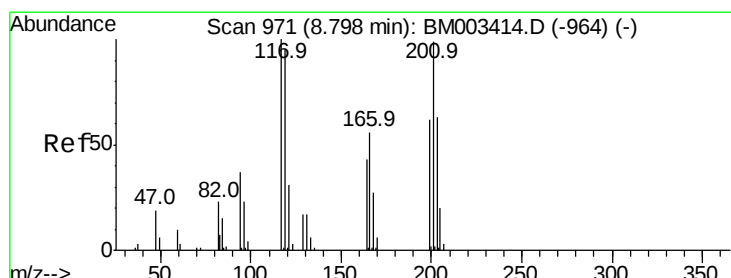
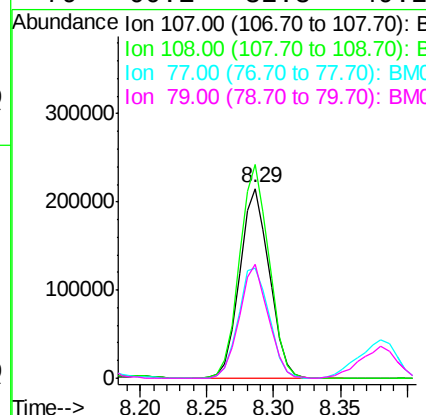
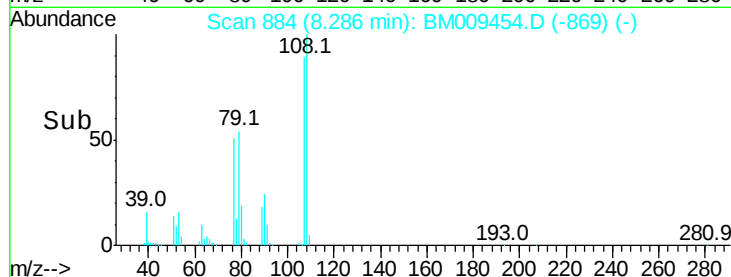
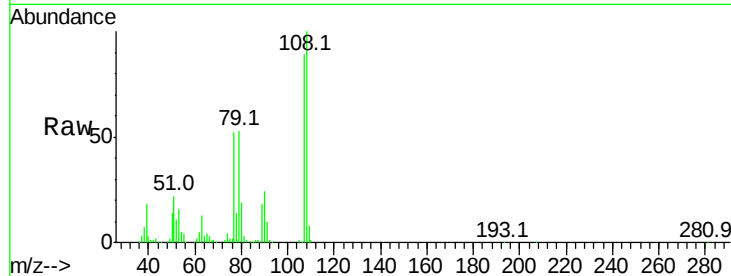
#17
2-Methylphenol
Concen: 43.61 ng
RT: 8.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	112.4	89.8	134.8
77	58.1	32.6	48.8#
79	60.1	32.8	49.2#

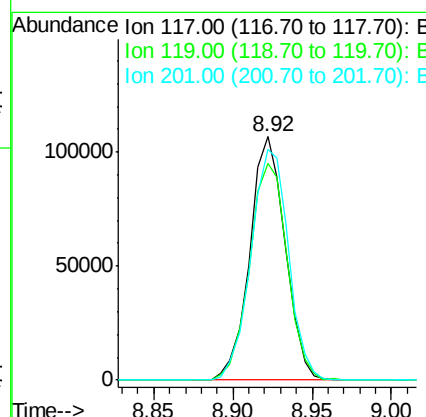
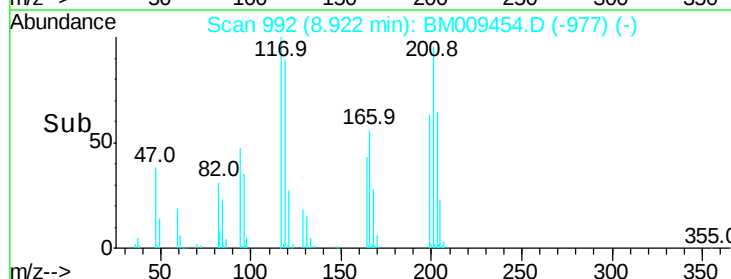
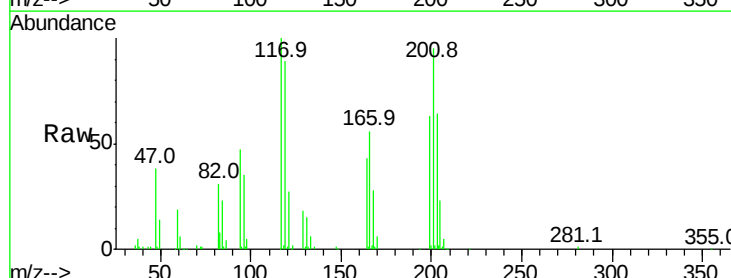
Manual Integrations
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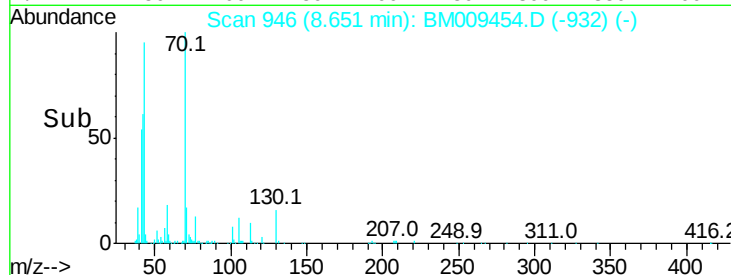
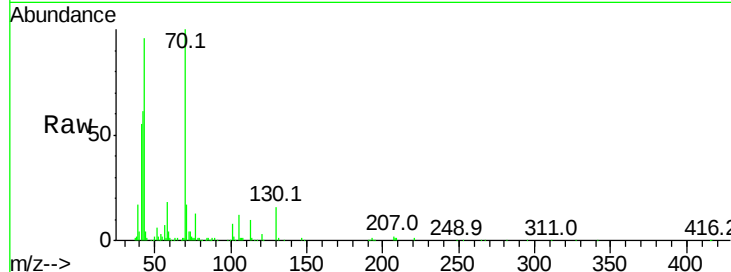
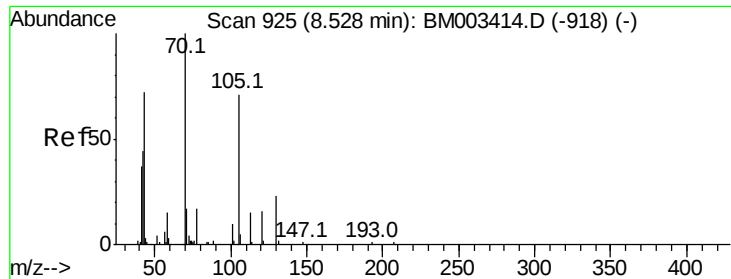
mohammad
3/31/2017 2:12:01 PM



#18
Hexachloroethane
Concen: 40.85 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	88.8	79.2	118.8
201	95.0	69.8	104.6





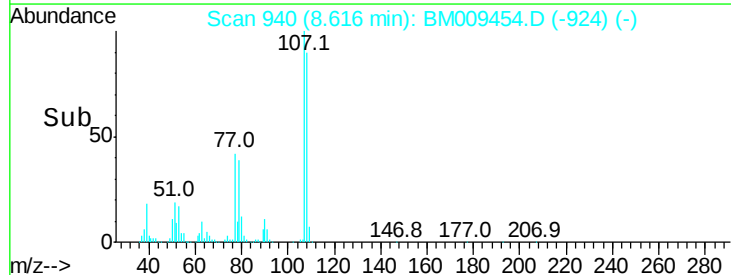
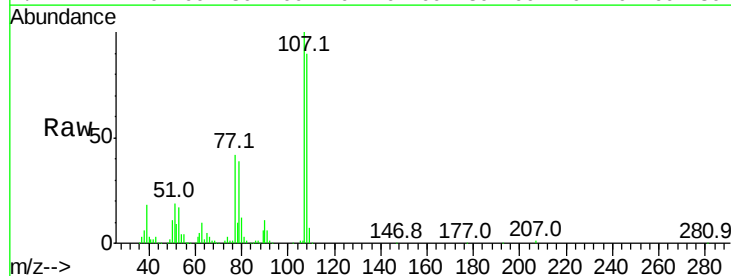
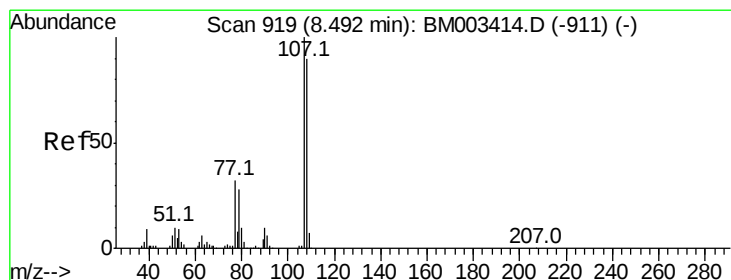
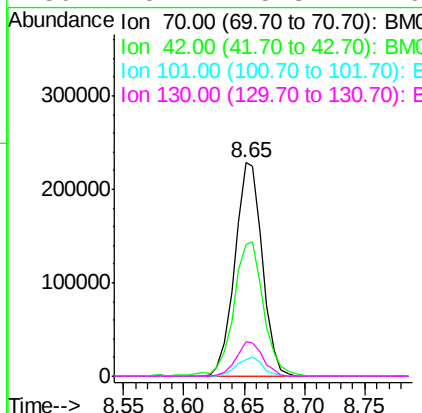
#19
n-Nitroso-di-n-propylamine
Concen: 41.73 ng
RT: 8.65 min Scan# 946
Delta R.T. -0.02 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.5	44.5	66.7
101	7.9	7.4	11.2
130	16.2	15.3	22.9

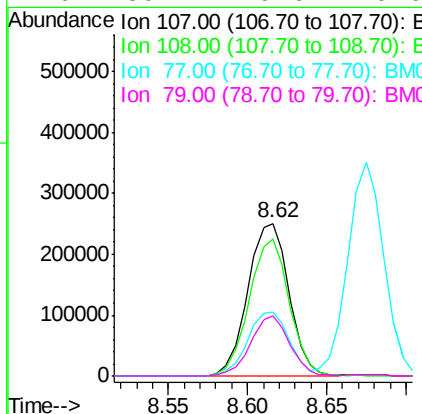
Manual Integrations
APPROVED

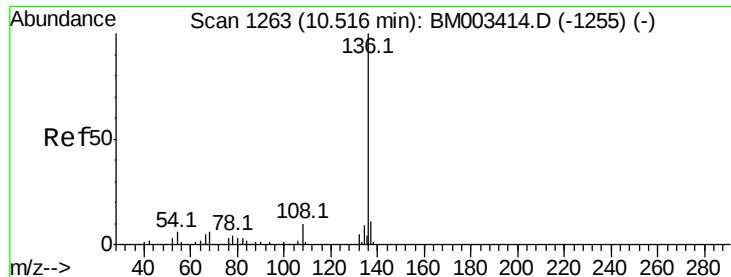
mohammad
3/31/2017 2:12:01 PM



#20
3+4-Methylphenols
Concen: 43.64 ng
RT: 8.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	73.2	113.2
77	42.4	10.7	50.7
79	39.2	9.6	49.6





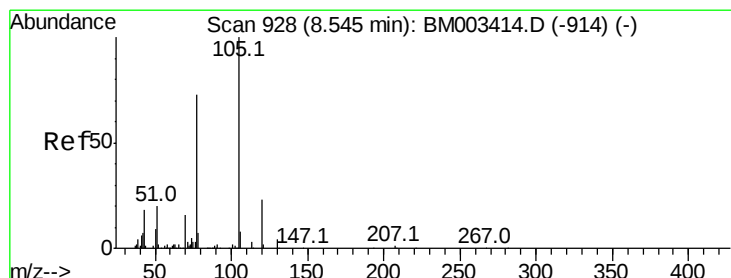
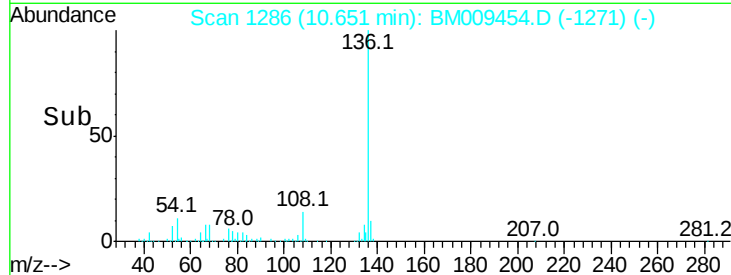
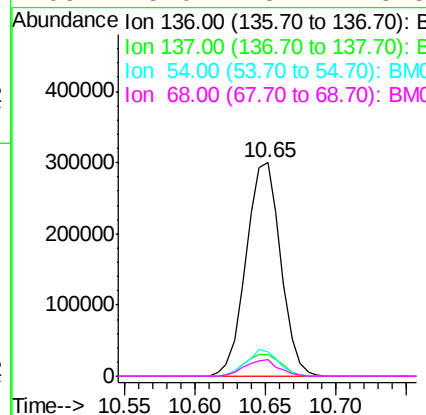
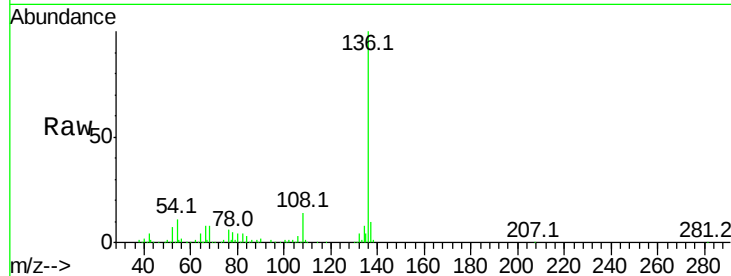
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	514733		
137	10.0		8.7	13.1
54	11.4		4.6	6.8#
68	8.0		3.7	5.5#

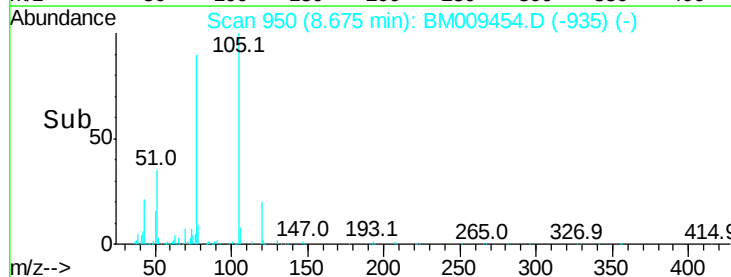
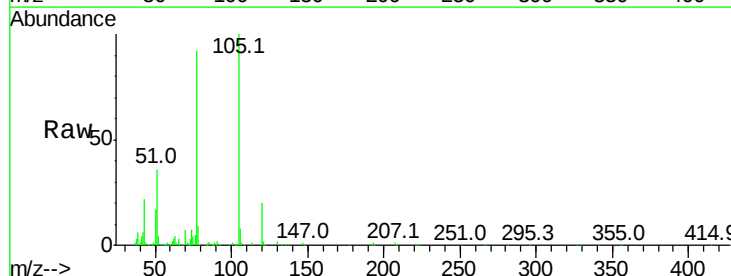
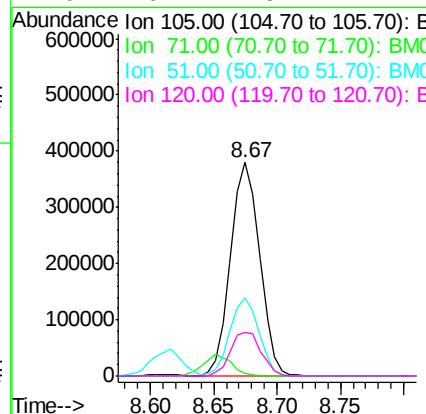
Manual Integrations
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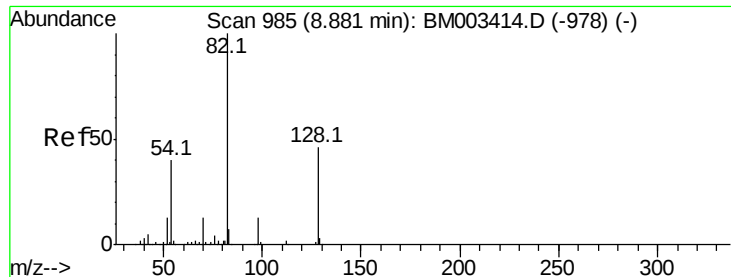
mohammad
3/31/2017 2:12:01 PM



#22
Acetophenone
Concen: 41.77 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	606324		
71	1.1		0.6	1.0#
51	36.3		21.6	32.4#
120	20.4		16.1	24.1





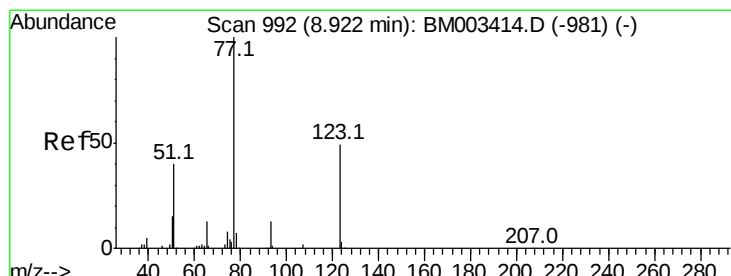
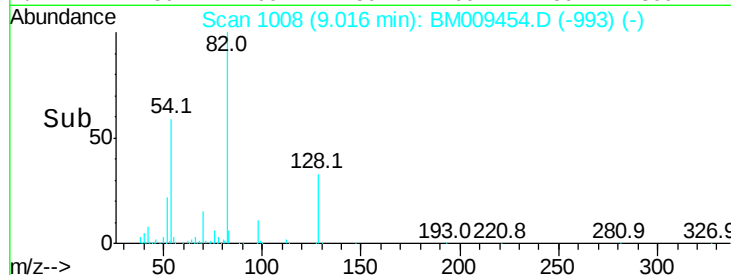
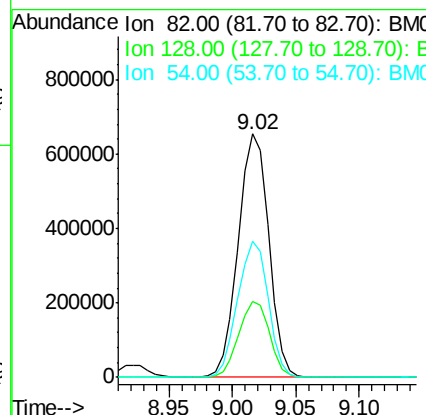
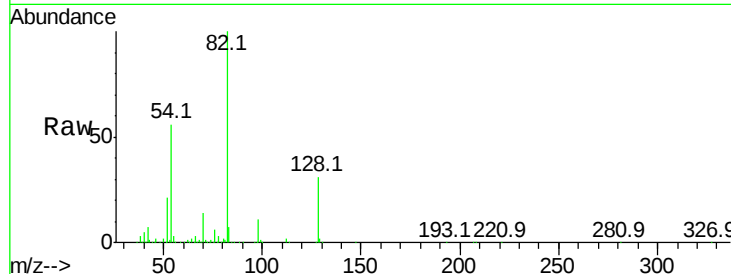
#23
 Nitrobenzene-d5
 Concen: 79.68 ng
 RT: 9.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Instrument :
 BNA_M
 ClientSampleID :
 PB97931BSD

Tot Ion: 82 Resp: 1093892
 Ion Ratio Lower Upper
 82 100
 128 31.4 32.8 49.2#
 54 55.6 40.6 60.8

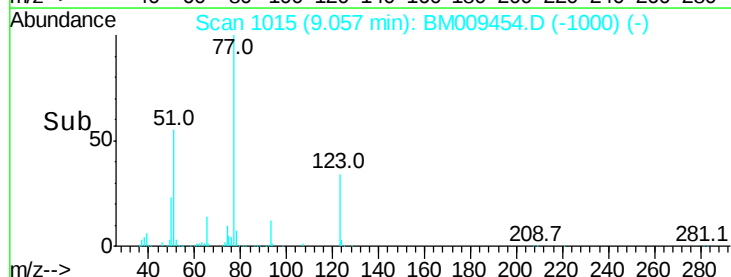
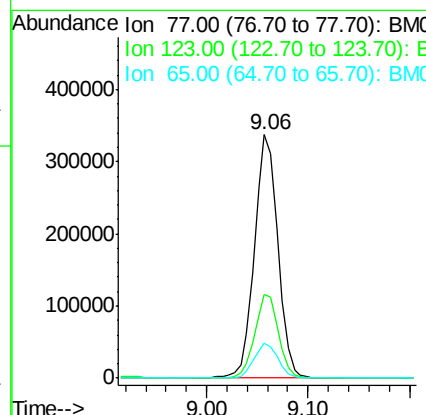
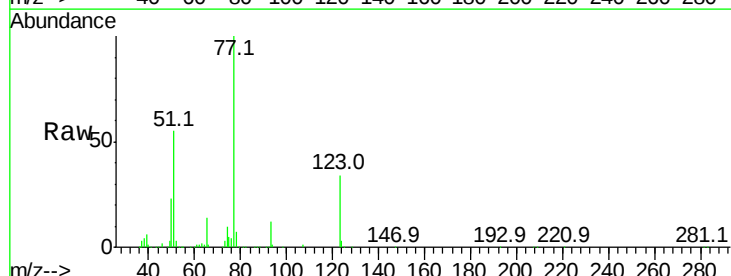
Manual Integrations
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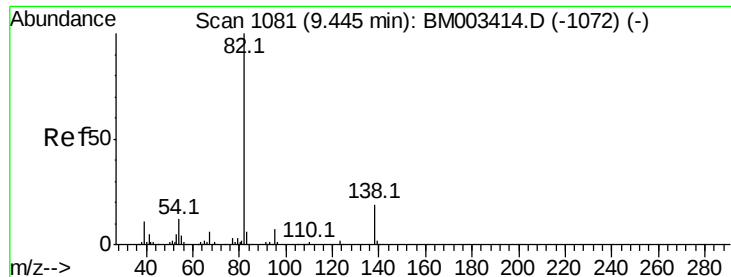
mohammad
 3/31/2017 2:12:01 PM



#24
 Nitrobenzene
 Concen: 40.25 ng
 RT: 9.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Tgt Ion: 77 Resp: 541299
 Ion Ratio Lower Upper
 77 100
 123 34.1 32.6 49.0
 65 14.4 10.9 16.3





#25

Isophorone

Concen: 42.54 ng

RT: 9.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

Instrument :

BNA_M

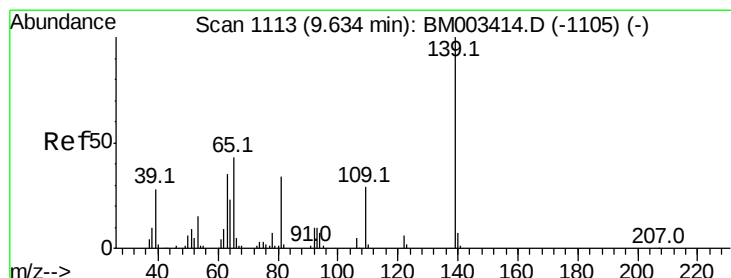
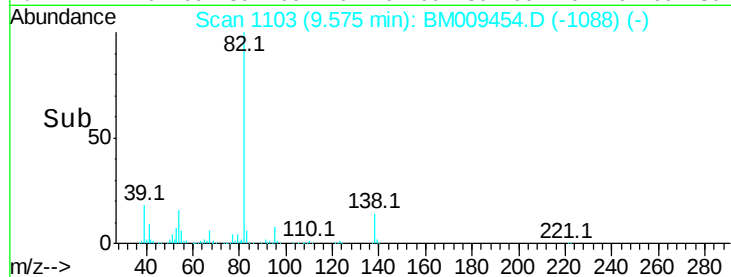
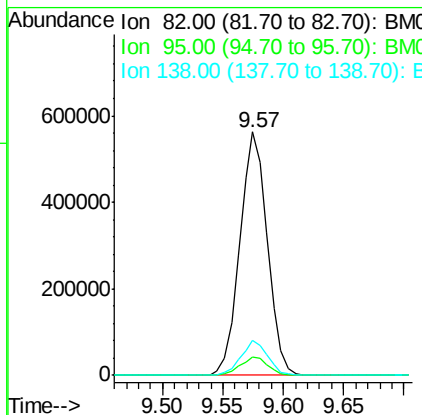
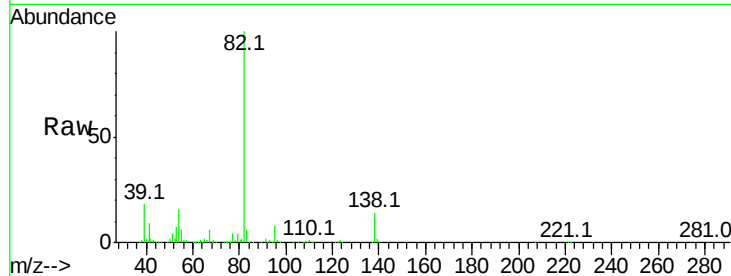
ClientSampleId :

PB97931BSD

Tot Ion:	82	Resp:	890839
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.8	8.6
138	14.1	16.3	24.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.51 ng

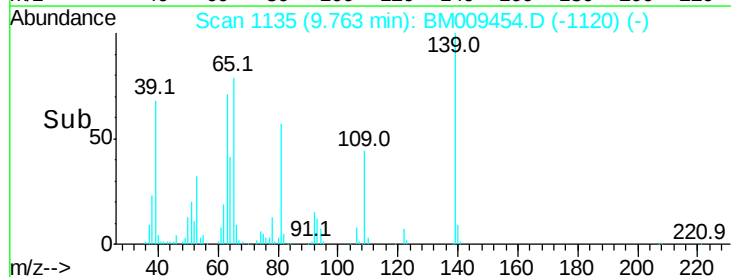
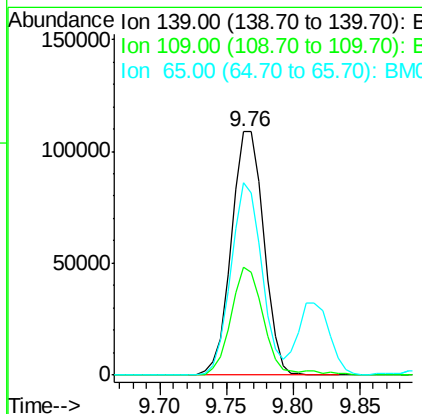
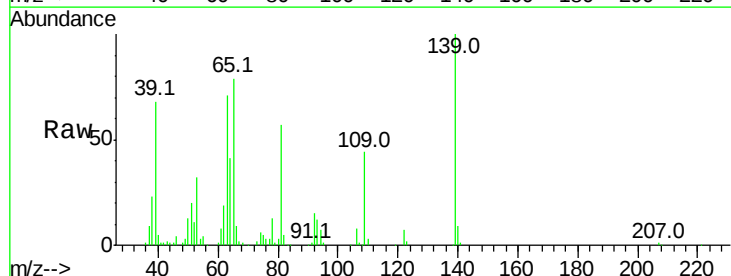
RT: 9.76 min Scan# 1135

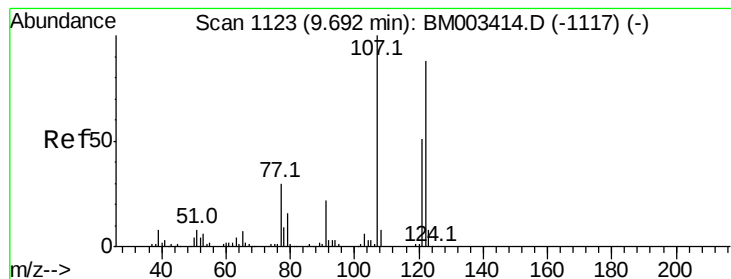
Delta R.T. -0.01 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

Tgt Ion:	139	Resp:	184600
Ion Ratio	Lower	Upper	
139	100		
109	44.4	20.1	30.1#
65	78.8	31.5	47.3#





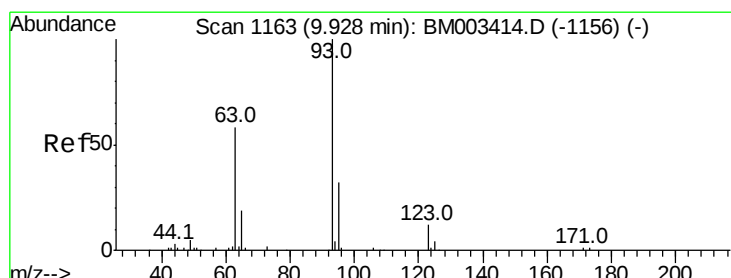
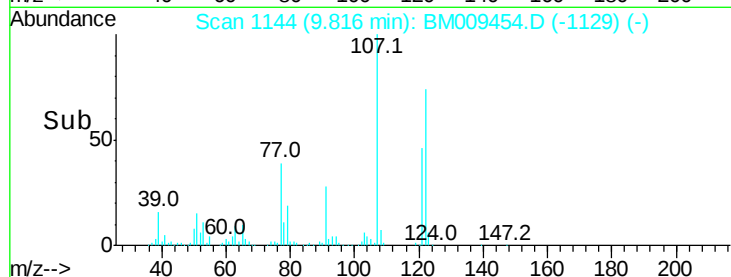
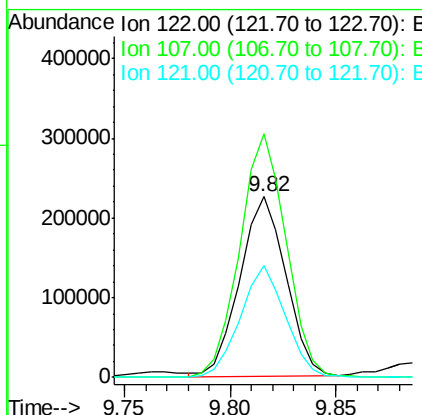
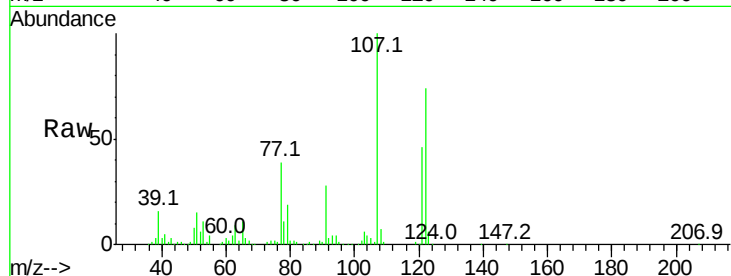
#27
 2,4-Dimethylphenol
 Concen: 45.73 ng
 RT: 9.82 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	134.9	84.7	127.1#	
121	62.1	46.6	69.8	

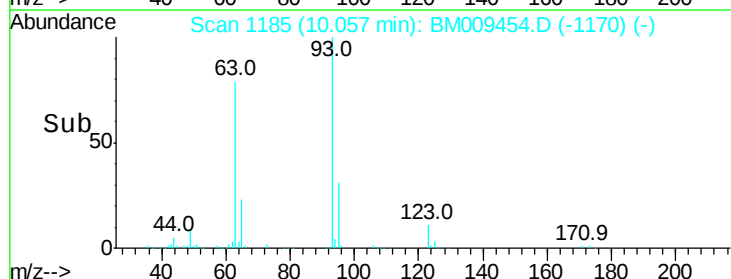
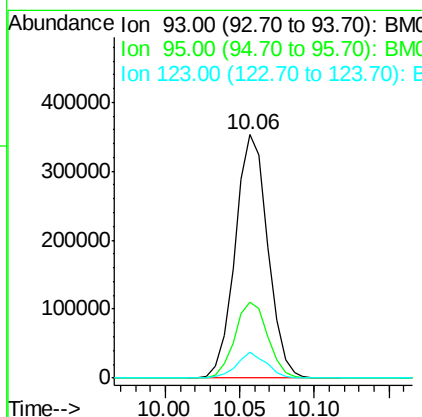
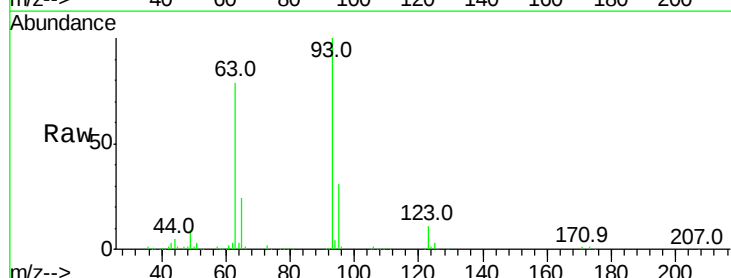
Manual Integrations
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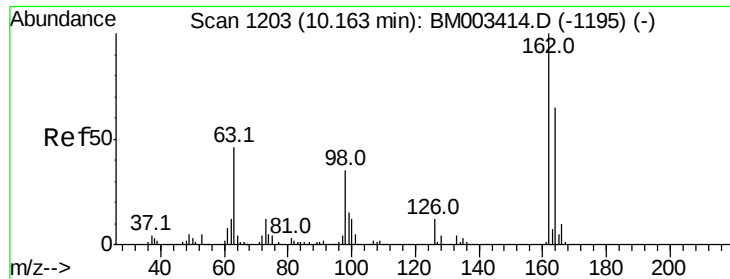
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.36 ng
 RT: 10.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	31.2	25.5	38.3	
123	10.6	8.6	13.0	





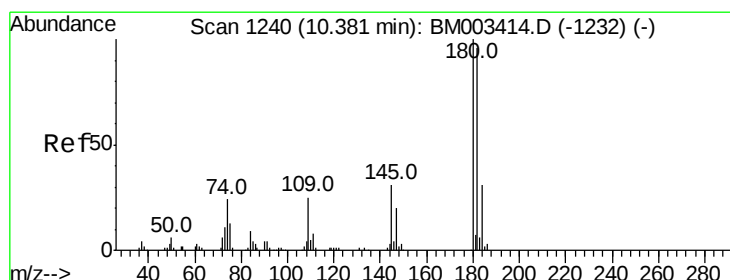
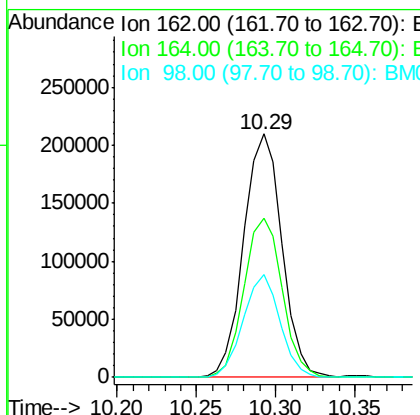
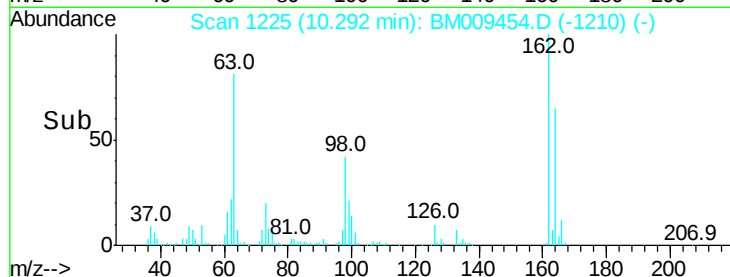
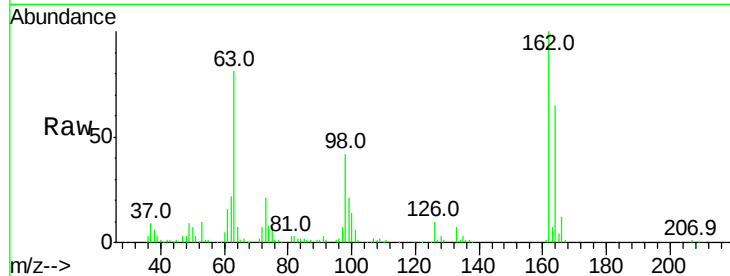
#29
 2,4-Dichlorophenol
 Concen: 45.36 ng
 RT: 10.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	351896		
164	65.4	42.8	82.8	
98	42.5	14.5	54.5	

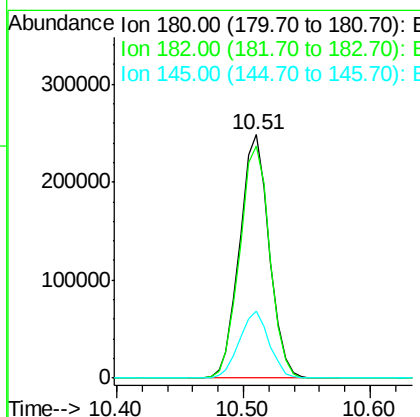
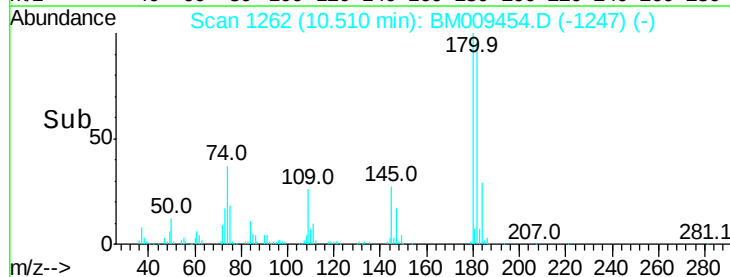
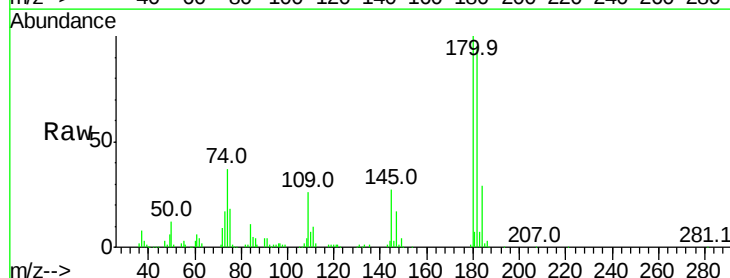
Manual Integrations
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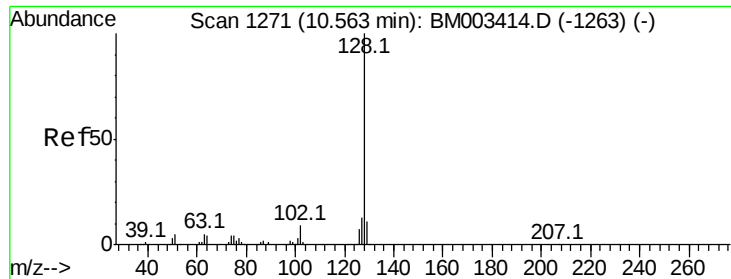
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.63 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	400683		
182	95.5	77.6	116.4	
145	27.3	23.4	35.2	





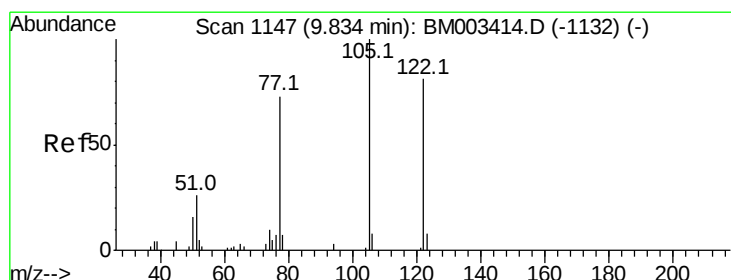
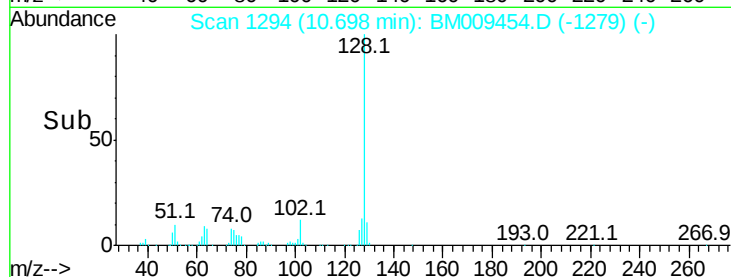
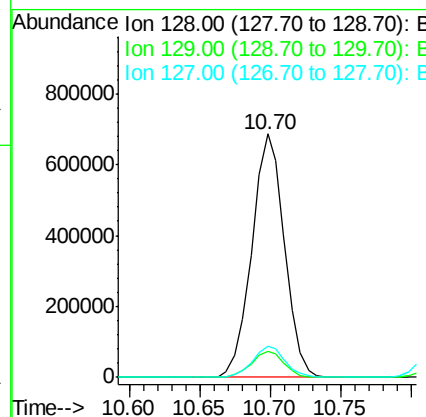
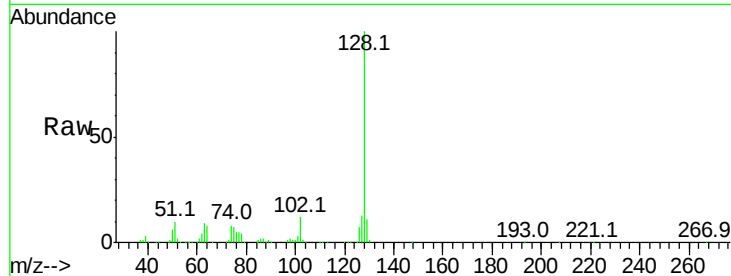
#31
Naphthalene
Concen: 40.60 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.1	10.4	15.6

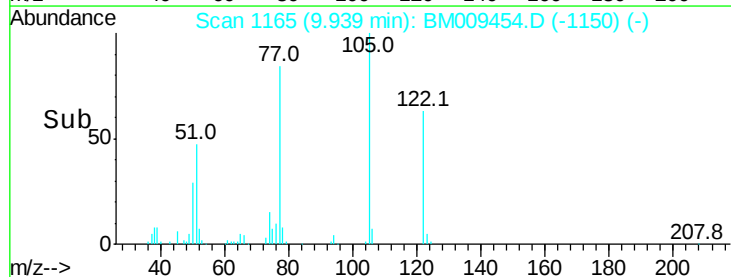
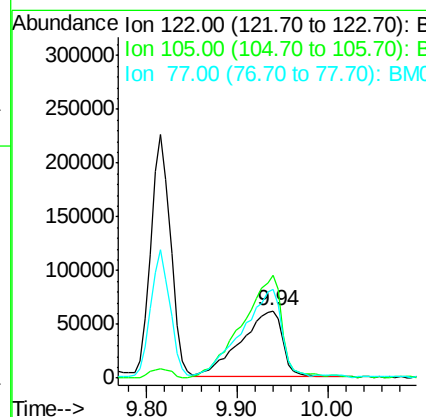
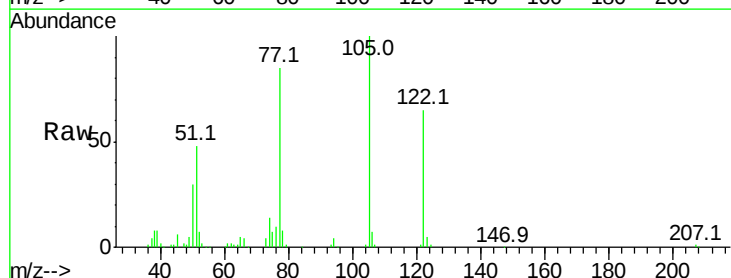
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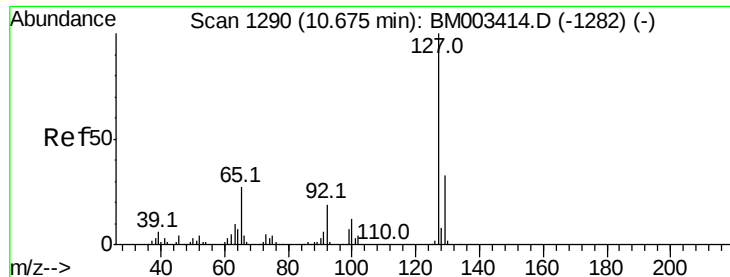
mohammad
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#32
Benzoic acid
Concen: 39.26 ng
RT: 9.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	154.3	99.9	139.9#
77	131.9	73.7	113.7#





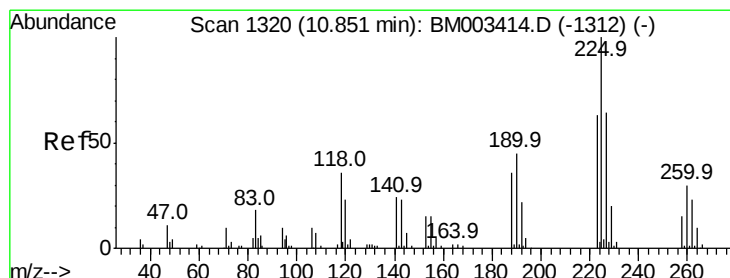
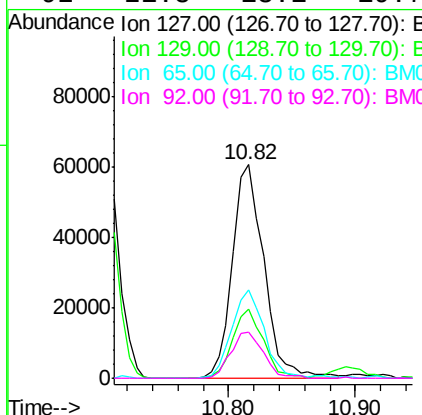
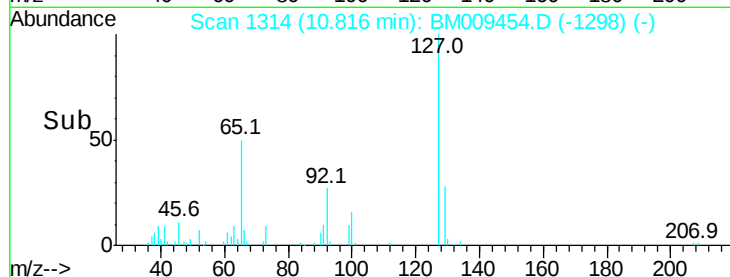
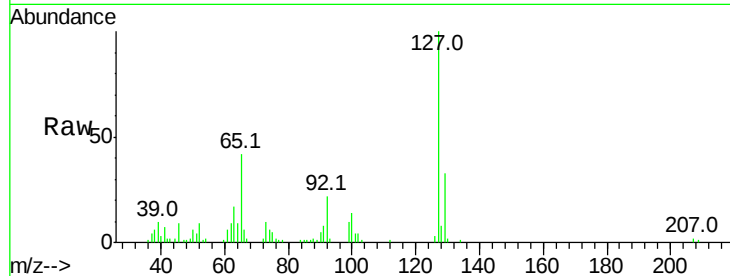
#33
4-Chloroaniline
Concen: 9.96 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.6	25.3	37.9
65	41.6	17.6	26.4
92	21.8	13.1	19.7

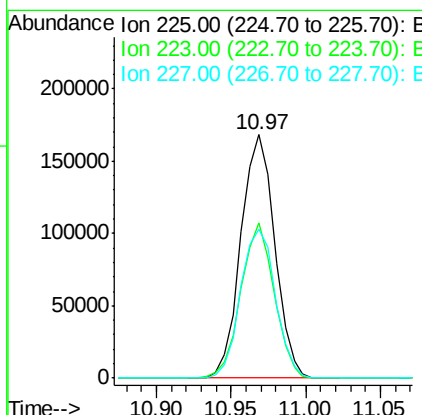
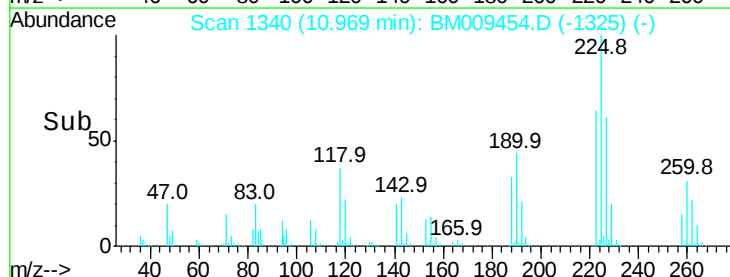
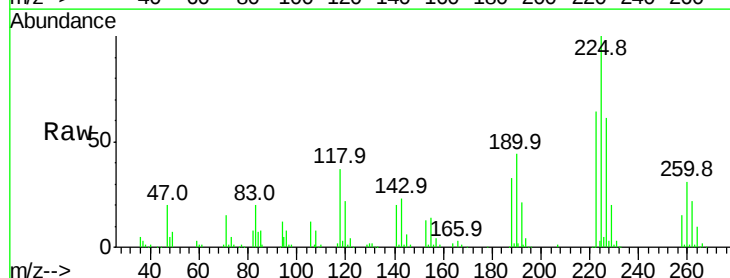
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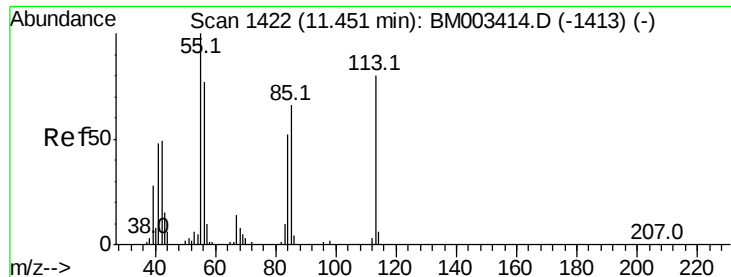
mohammad
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#34
Hexachlorobutadiene
Concen: 40.16 ng
RT: 10.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.7	47.9	71.9
227	61.1	50.1	75.1





#35

Caprolactam

Concen: 44.86 ng/ml

RT: 11.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

Instrument :

BNA_M

ClientSampleID :

PB97931BSD

Tot Ion:113 Resp: 106237
Ion Ratio Lower Upper

113 100

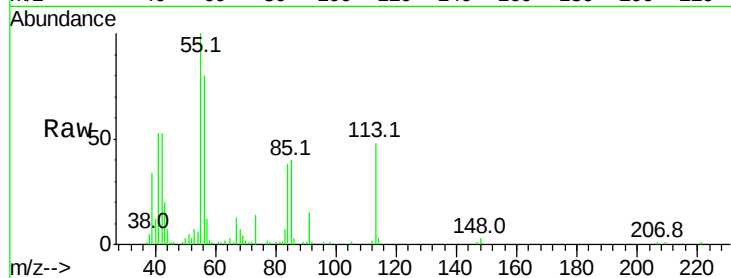
55 206.3 145.9 185.9#

56 164.6 101.0 141.0#

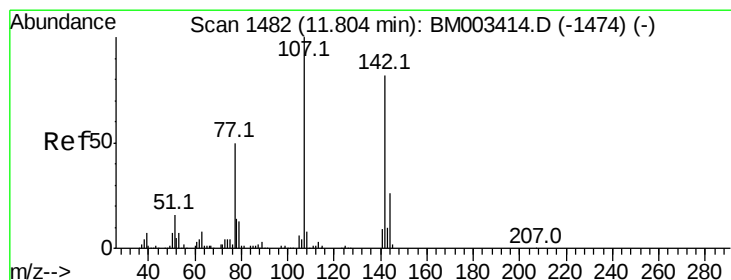
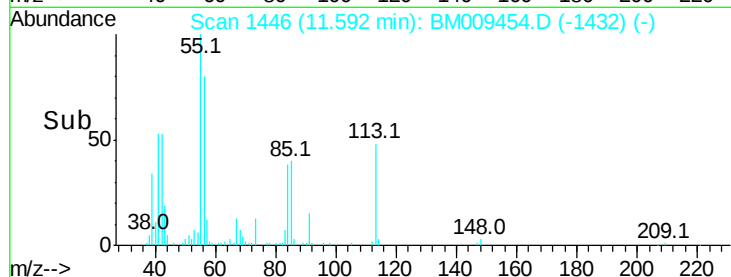
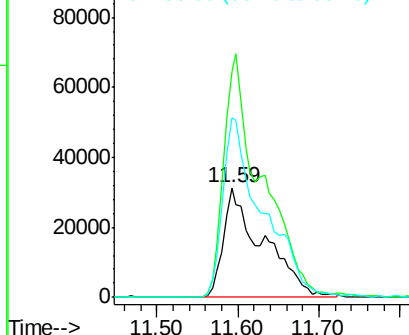
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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM
Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 44.72 ng/ml

RT: 11.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BM009454.D

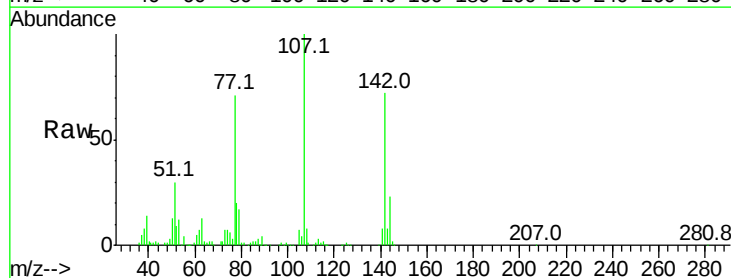
Acq: 30 Mar 2017 17:09

Tgt Ion:107 Resp: 392504
Ion Ratio Lower Upper

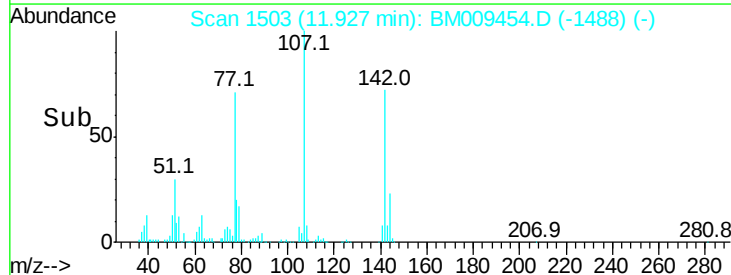
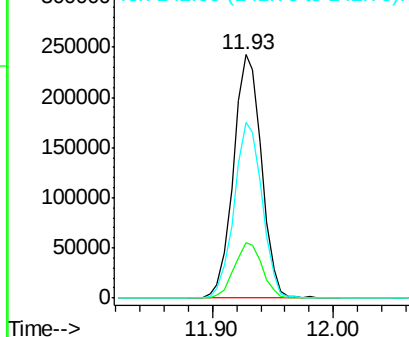
107 100

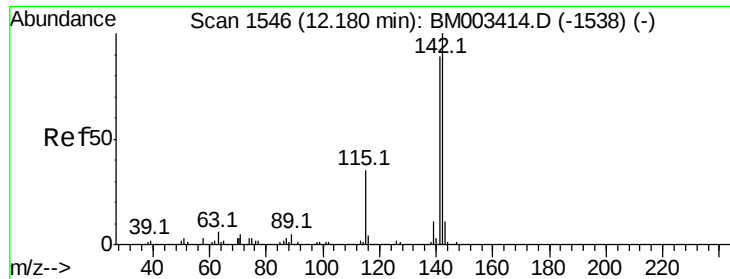
144 22.7 23.3 34.9#

142 72.0 72.6 109.0#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





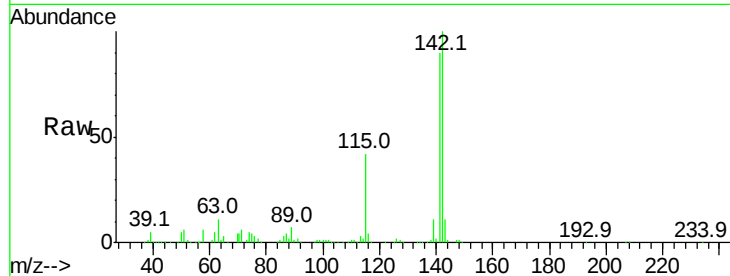
#37
2-Methylnaphthalene
Concen: 42.44 ng
RT: 12.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

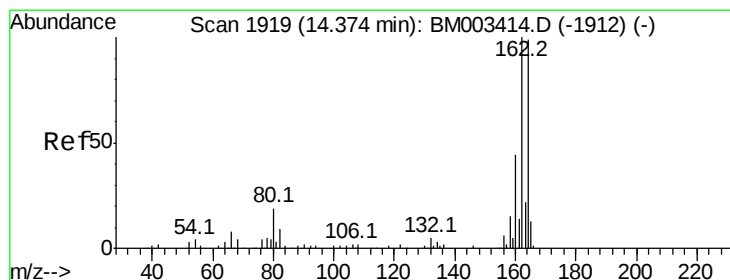
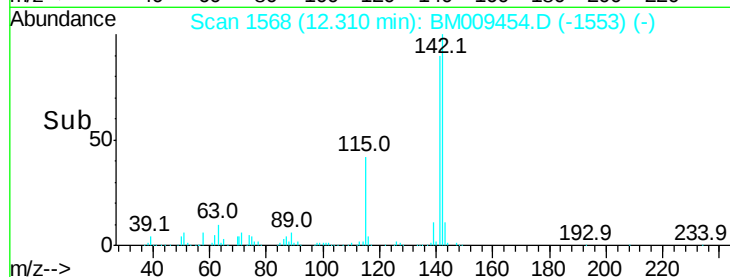
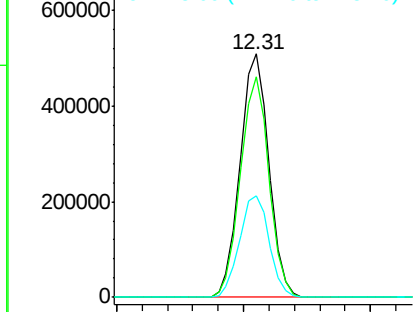
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.9	107.9
115	42.0	25.4	38.0

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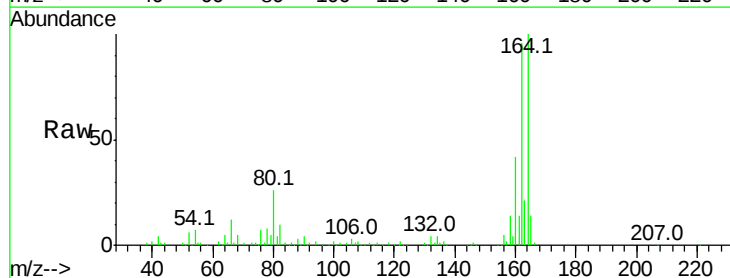


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

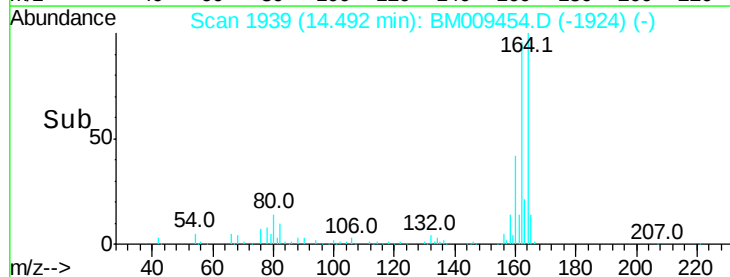
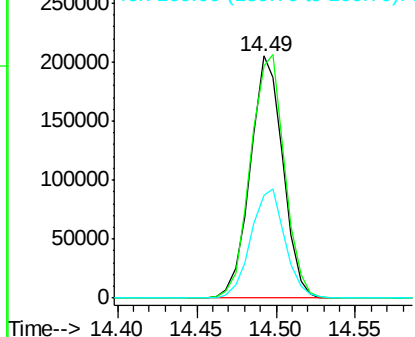


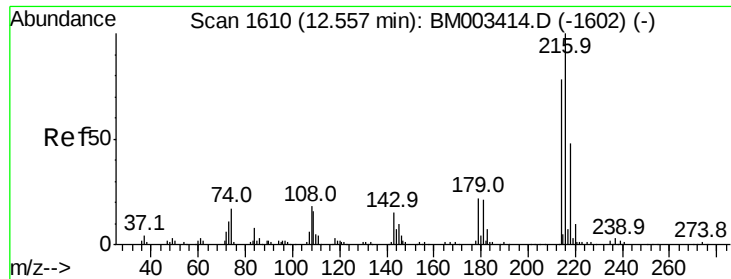
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.1	82.4	123.6
160	42.4	35.8	53.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





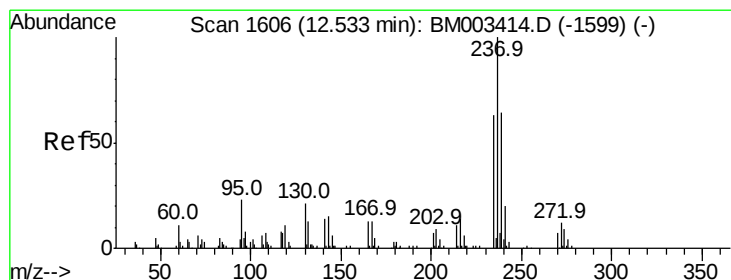
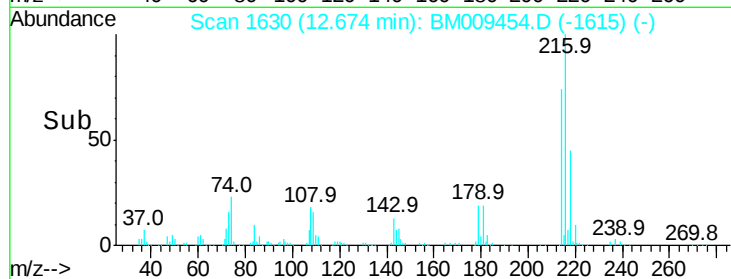
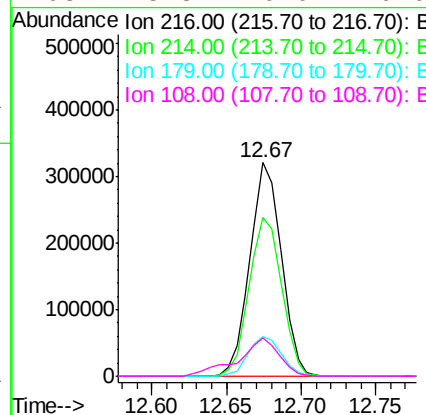
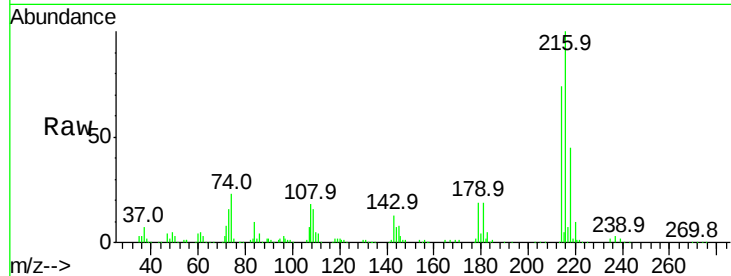
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.30 ng
 RT: 12.67 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	76.7	0.0	0.0#
179	19.4	0.0	0.0#
108	23.3	0.0	0.0#

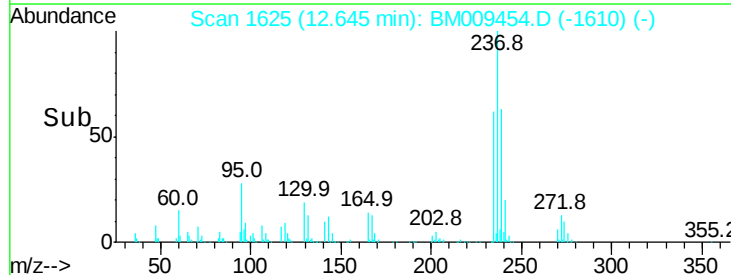
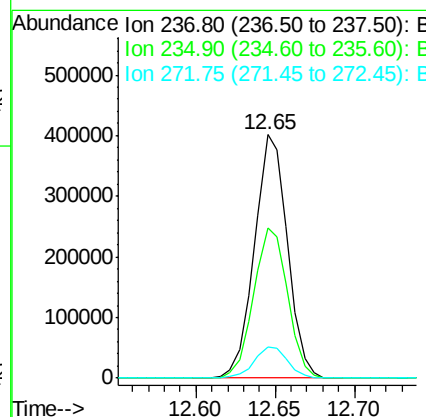
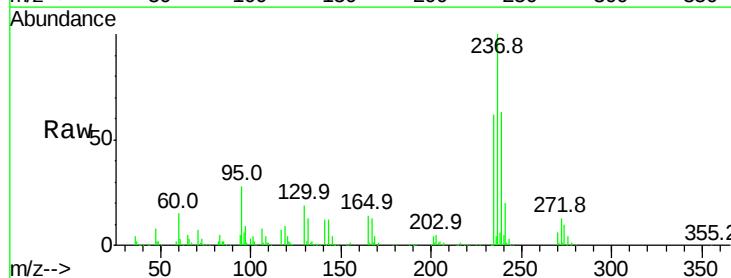
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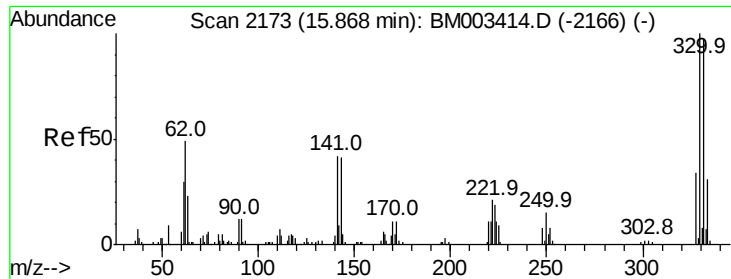
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 91.72 ng
 RT: 12.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.7	42.0	82.0
272	12.6	0.0	33.4





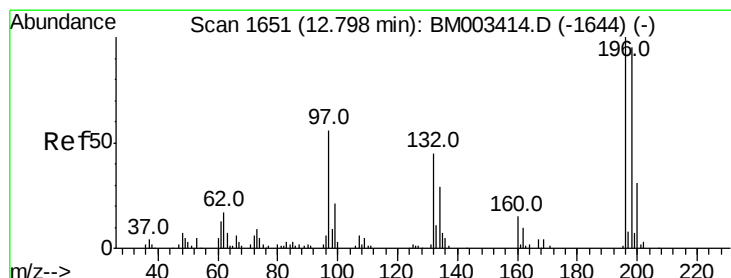
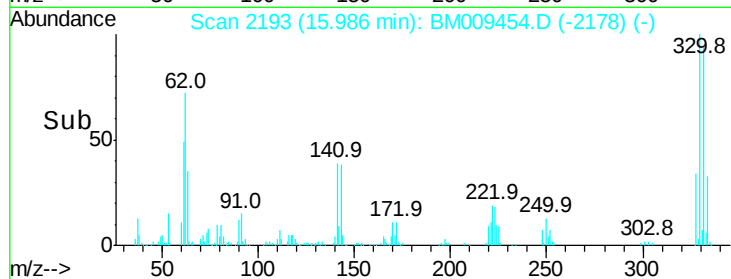
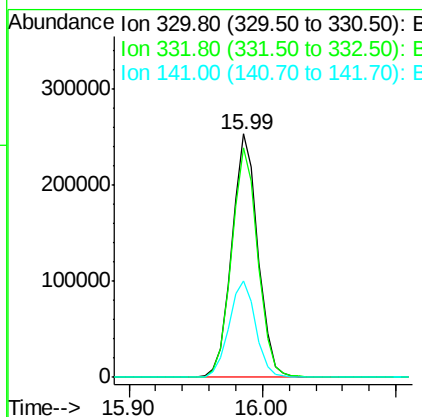
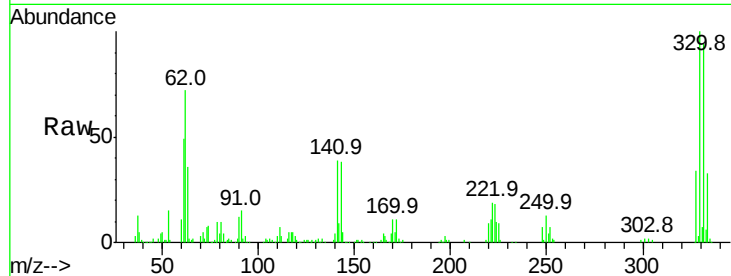
#41
 2,4,6-Tribromophenol
 Concen: 94.53 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.9	0.0	0.0	0.0
141	40.5	0.0	0.0	0.0

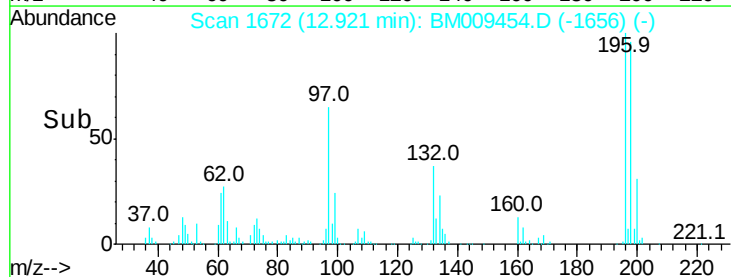
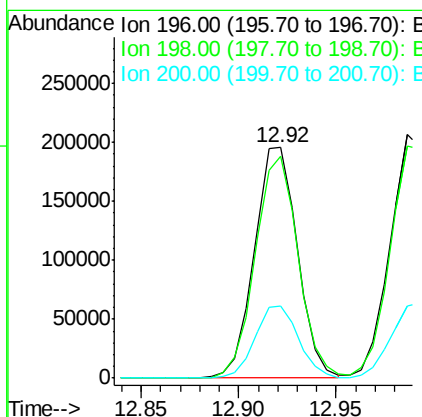
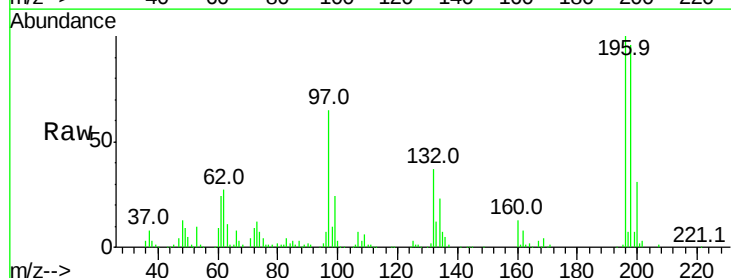
Manual Integrations
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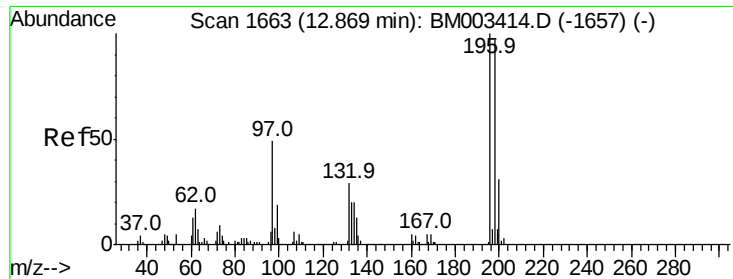
mohammad
 3/31/2017 2:12:01 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.27 ng
 RT: 12.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.0	76.3	114.5	
200	31.1	25.6	38.4	





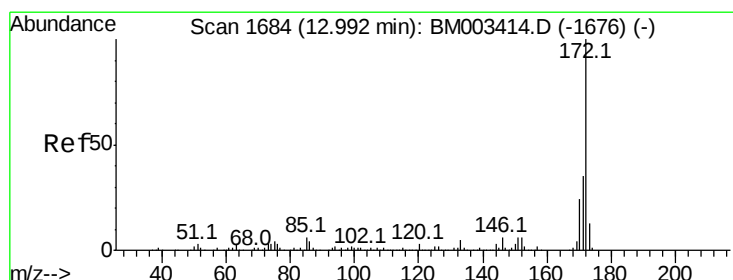
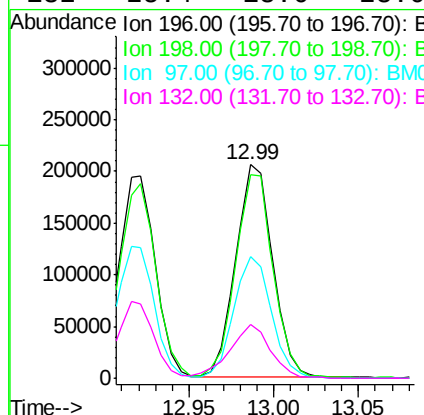
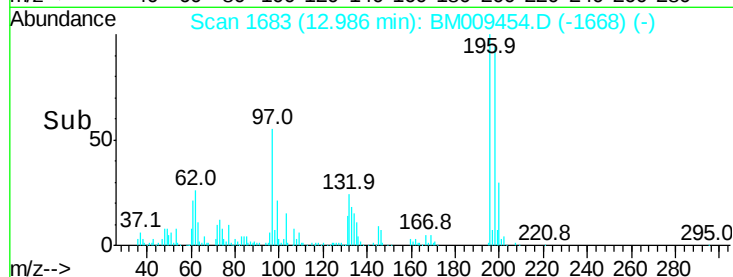
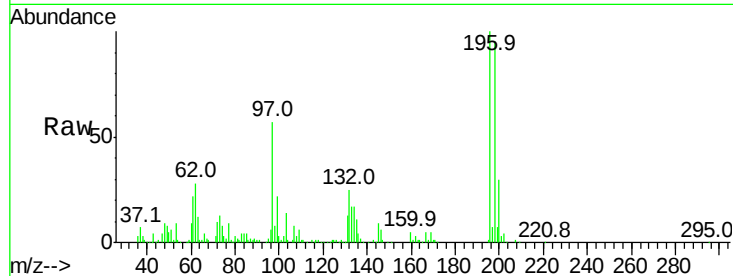
#43
 2,4,5-Trichlorophenol
 Concen: 44.48 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.3	79.4	119.0	
97	56.8	26.8	40.2	
132	25.4	18.6	28.0	

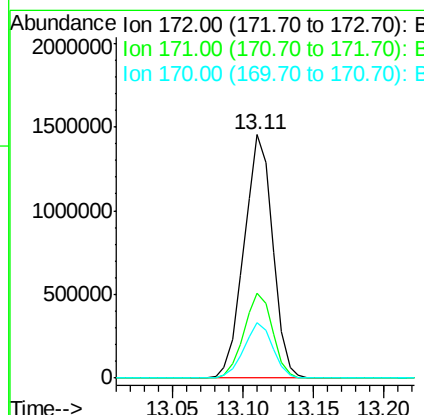
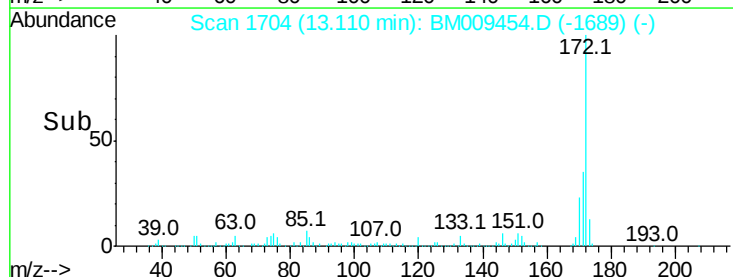
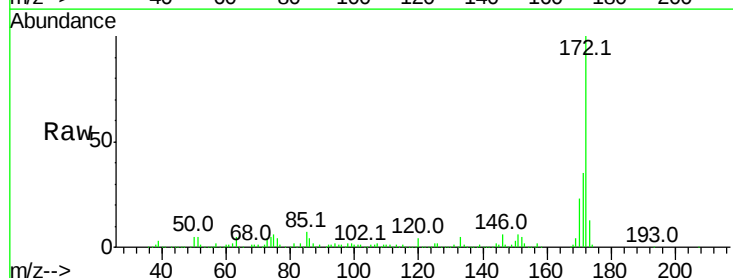
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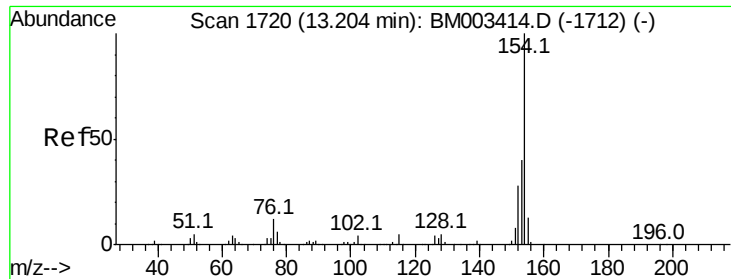
mohammad
 3/31/2017 2:12:01 PM



#44
 2-Fluorobiphenyl
 Concen: 84.99 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.8	28.5	42.7	
170	22.9	18.8	28.2	





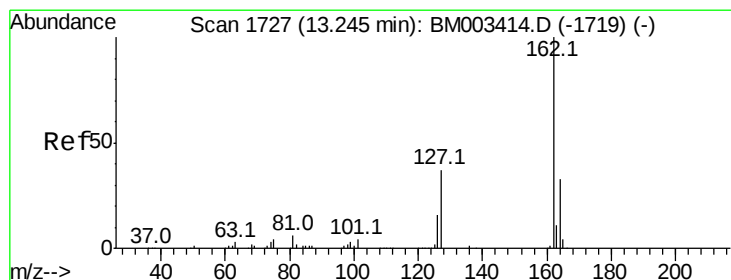
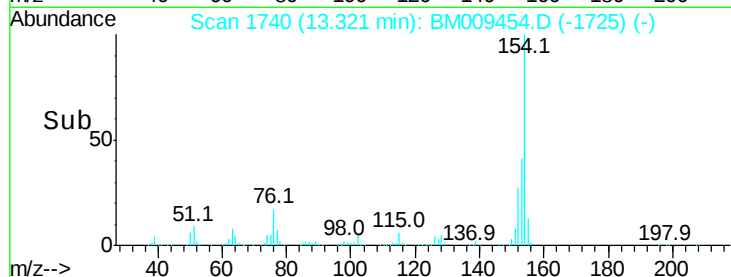
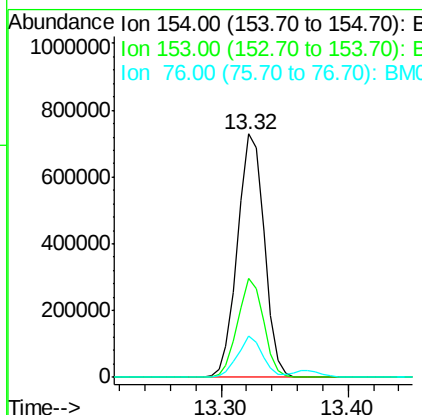
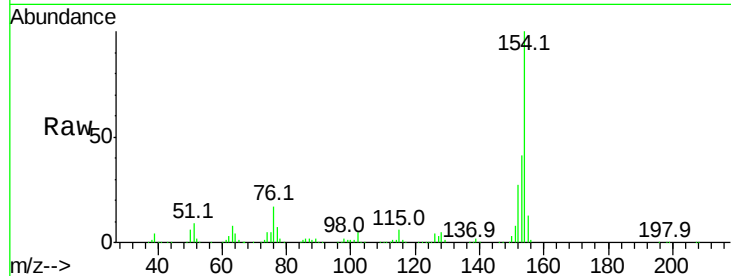
#45
1,1'-Biphenyl
Concen: 43.63 ng
RT: 13.32 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	17.0	0.0	30.9

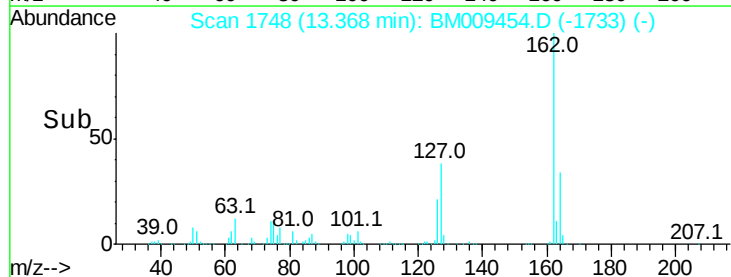
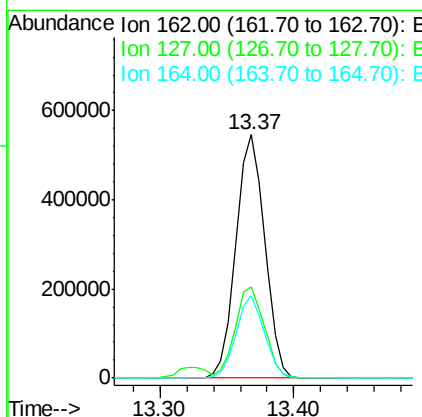
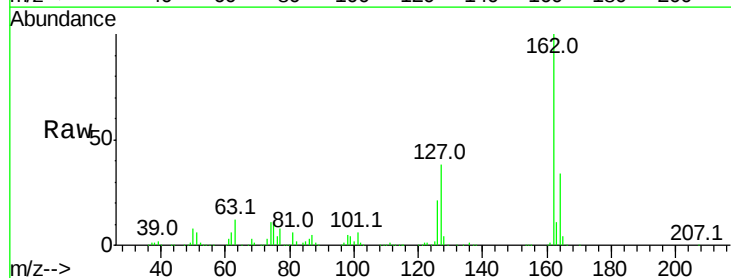
Manual Integrations
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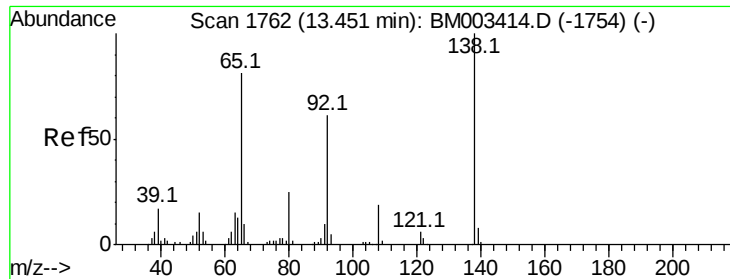
mohammad
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#46
2-Chloronaphthalene
Concen: 43.20 ng
RT: 13.37 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	26.9	40.3
164	33.6	26.8	40.2





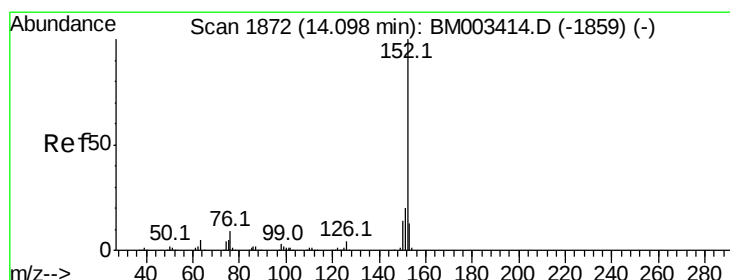
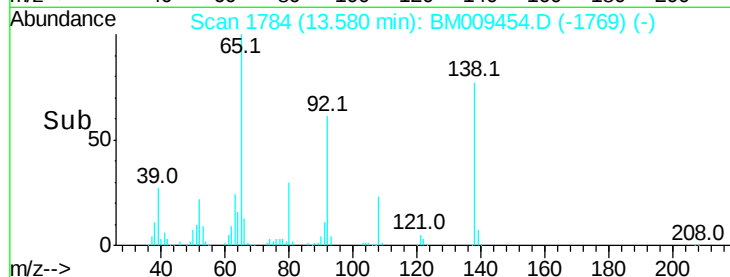
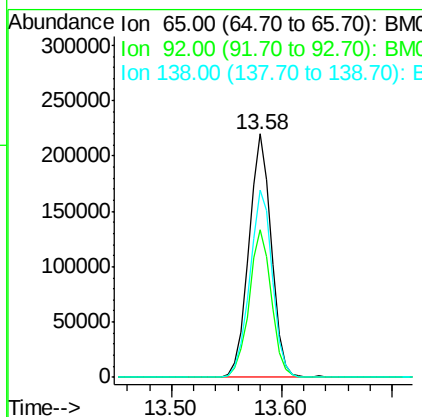
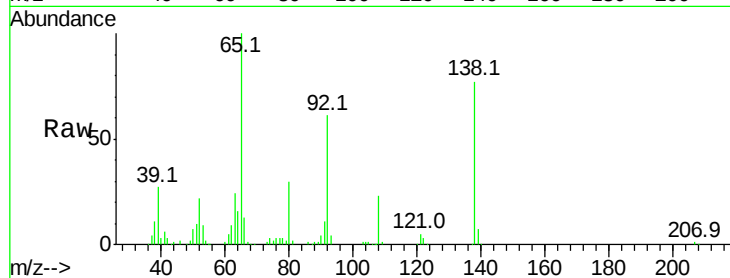
#47
2-Nitroaniline
Concen: 45.31 ng
RT: 13.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.6	59.1	88.7
138	76.7	93.9	140.9

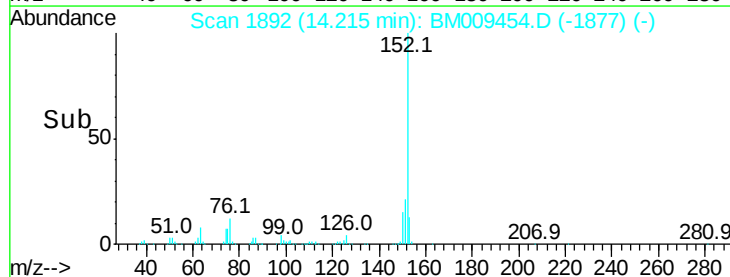
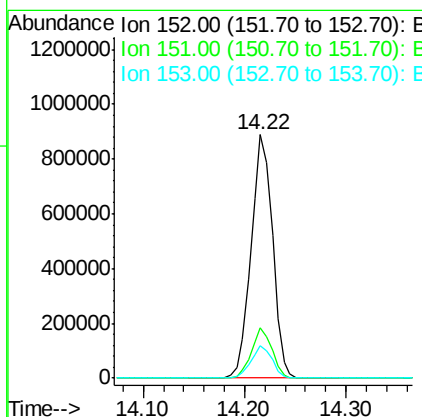
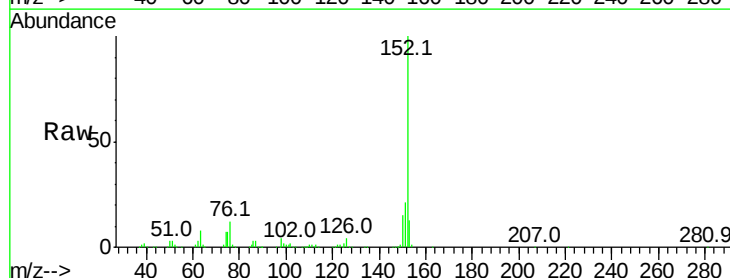
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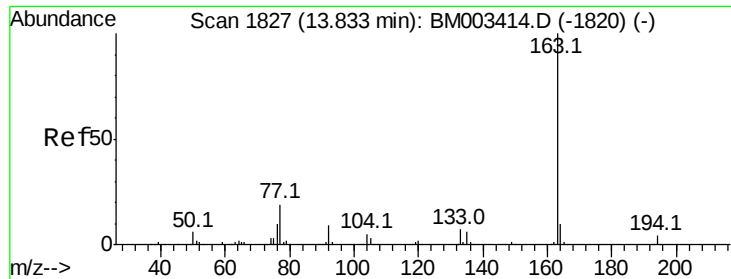
mohammad
3/31/2017 2:12:01 PM



#48
Acenaphthylene
Concen: 42.47 ng
RT: 14.22 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.9	23.9
153	13.2	10.6	16.0





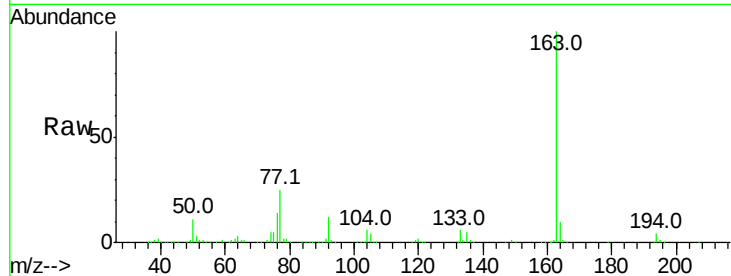
#49
Dimethylphthalate
Concen: 45.28 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

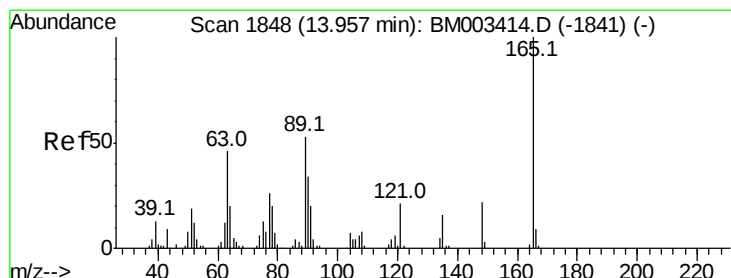
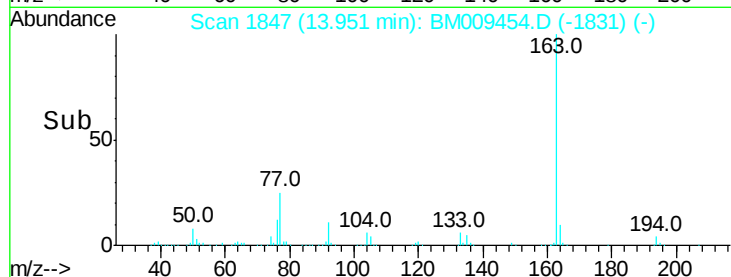
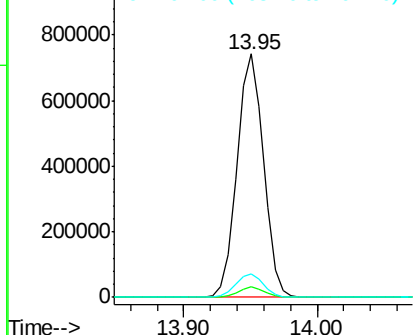
Tot Ion:163 Resp: 1018826
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 9.7 8.2 12.2

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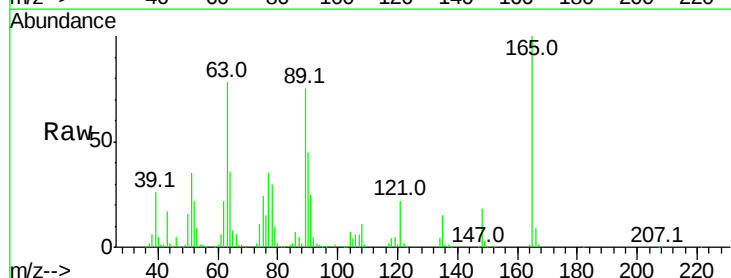


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

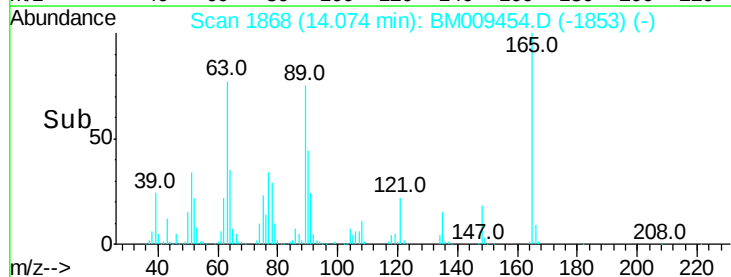
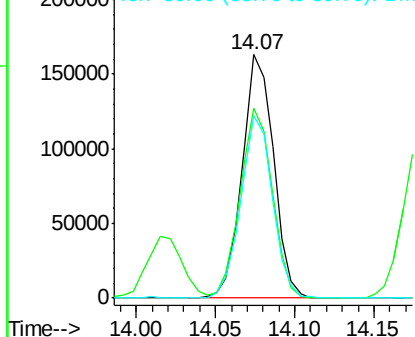


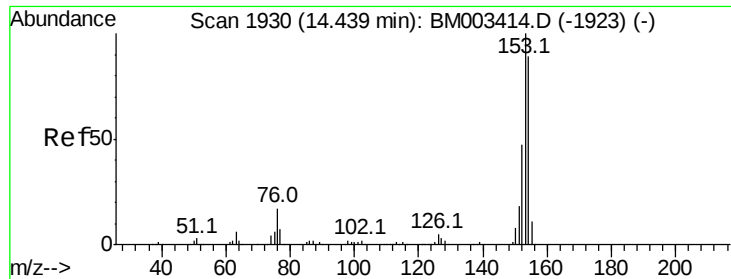
#50
2,6-Dinitrotoluene
Concen: 46.25 ng
RT: 14.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion:165 Resp: 224262
Ion Ratio Lower Upper
165 100
63 77.8 44.1 66.1#
89 74.9 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





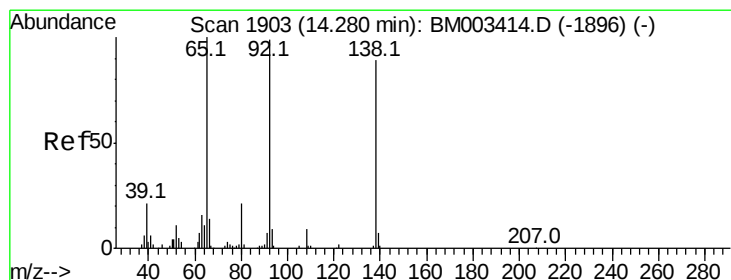
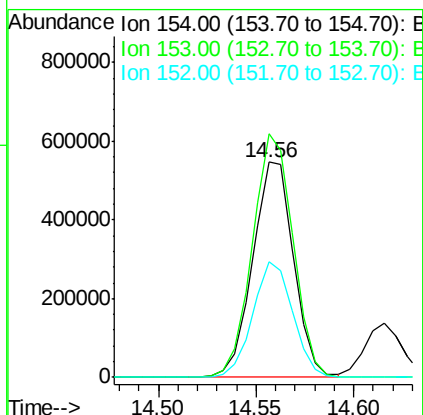
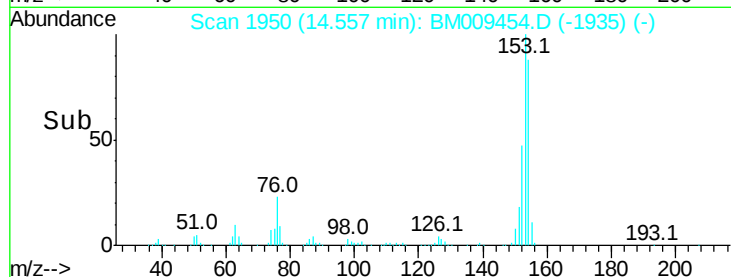
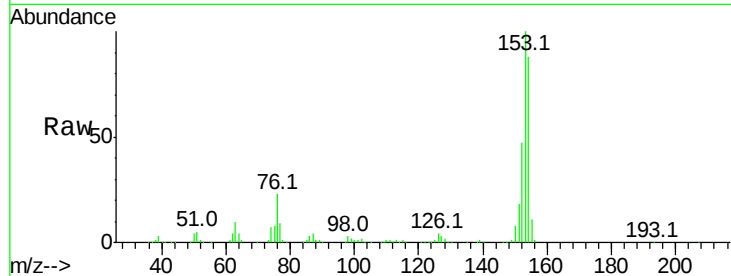
#51
Acenaphthene
Concen: 42.85 ng
RT: 14.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.0	135.0
152	53.6	42.6	63.8

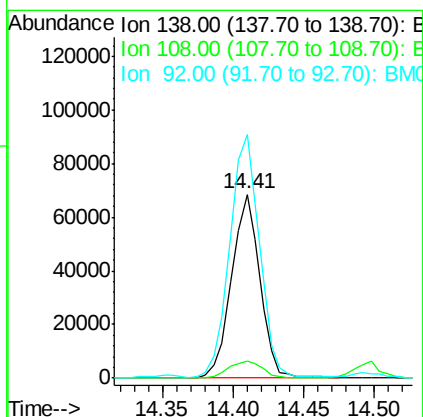
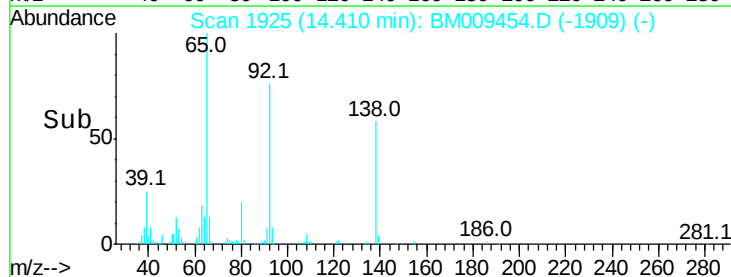
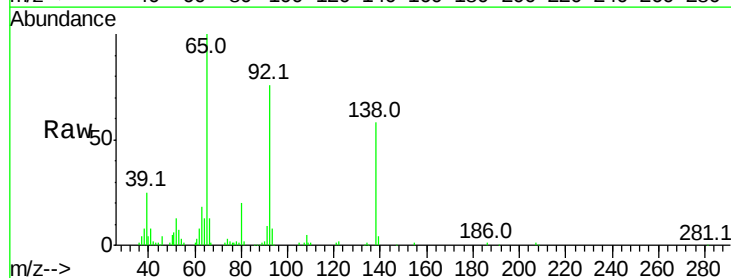
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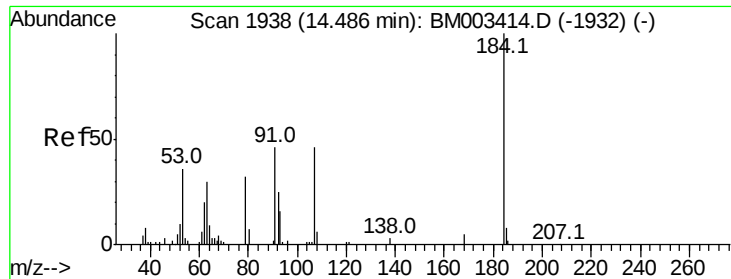
mohammad
3/31/2017 2:12:01 PM



#52
3-Nitroaniline
Concen: 20.03 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.3	10.9
92	132.5	76.6	114.8#





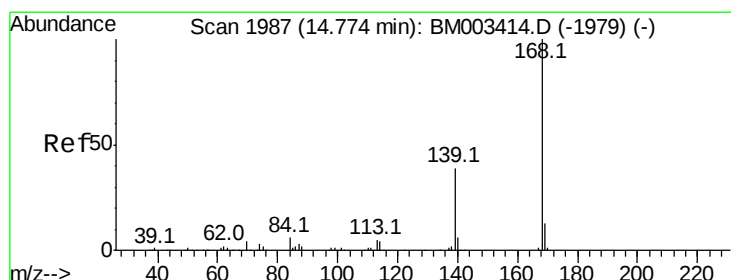
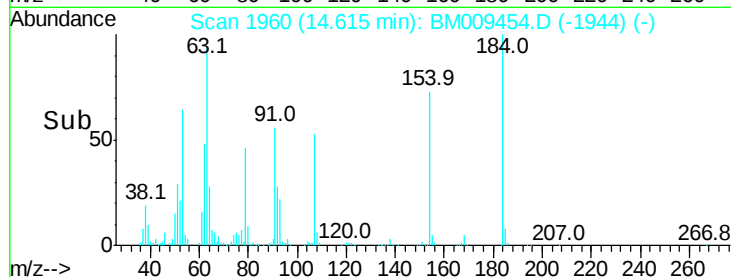
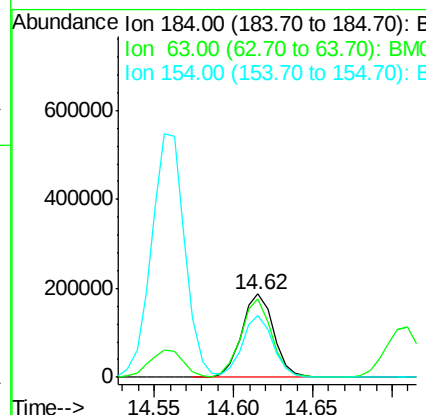
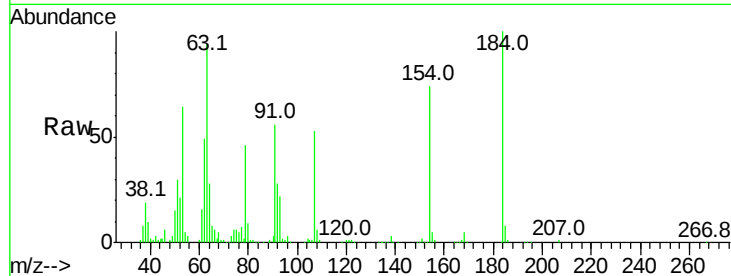
#53
2,4-Dinitrophenol
Concen: 80.44 ng
RT: 14.62 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	94.1	69.2	103.8
154	73.6	53.3	79.9

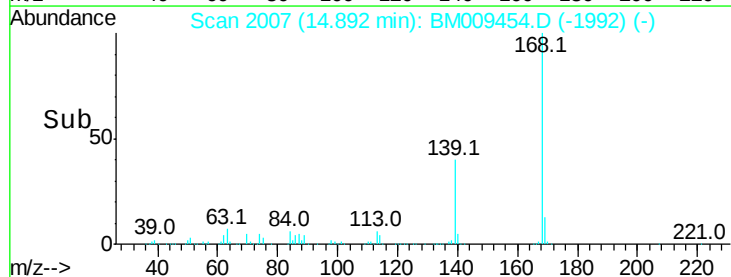
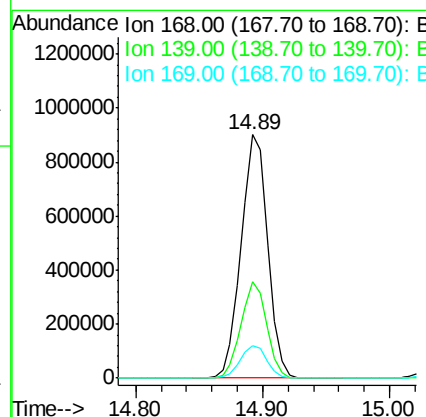
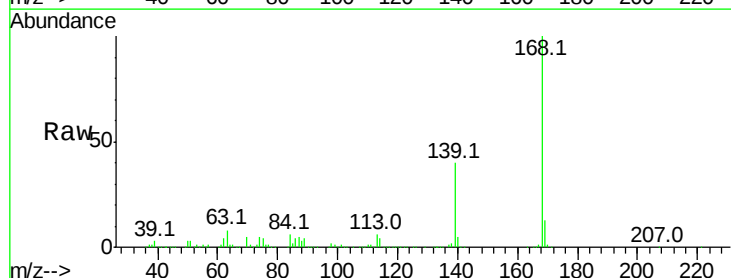
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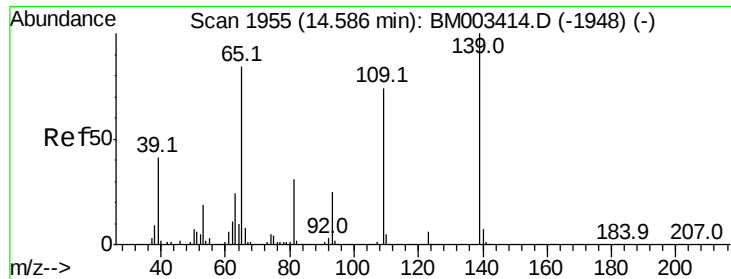
mohammad
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#54
Dibenzofuran
Concen: 47.22 ng
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	27.3	40.9
169	13.5	10.6	16.0





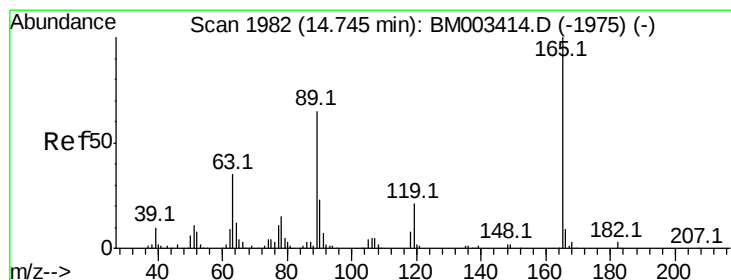
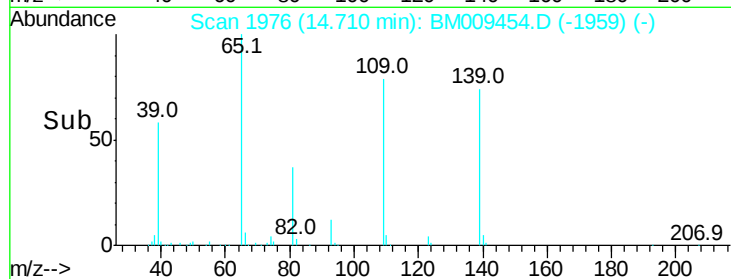
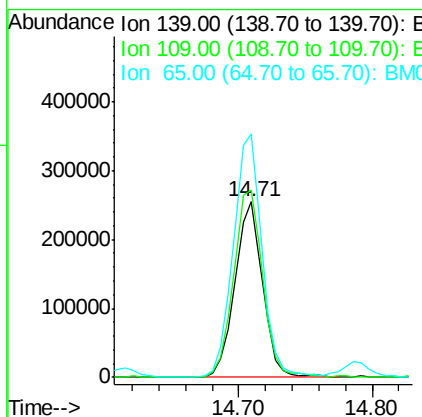
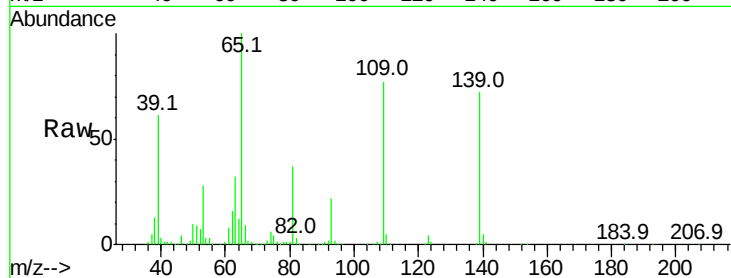
#55
4-Nitrophenol
Concen: 93.38 ng
RT: 14.71 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	106.3	37.7	77.7#	
65	138.6	49.9	89.9#	

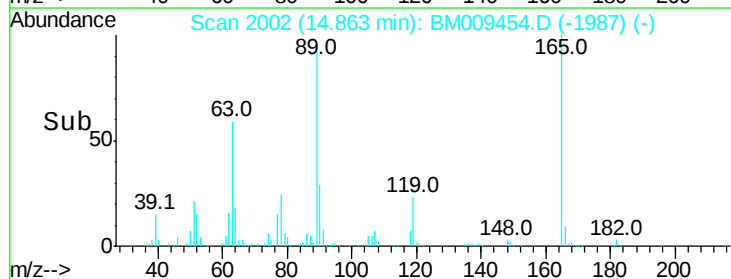
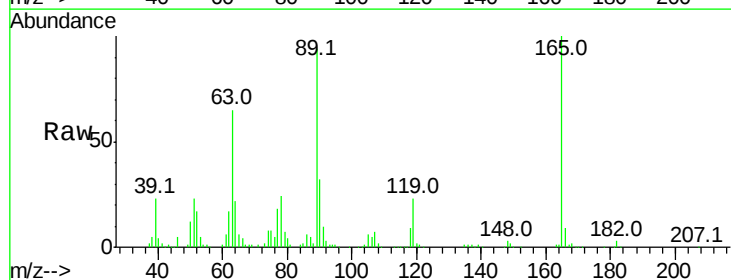
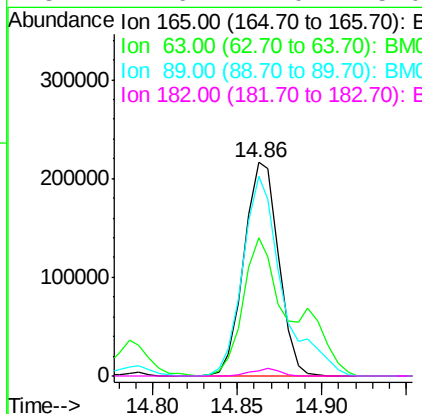
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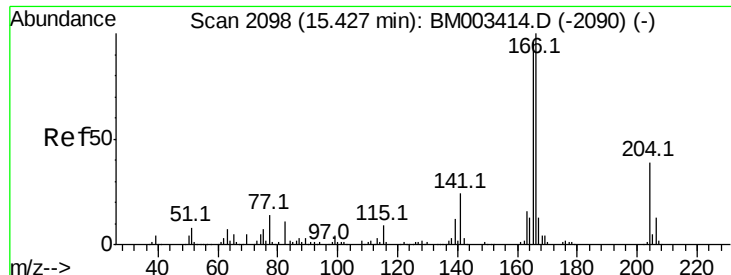
mohammad
3/31/2017 2:12:01 PM



#56
2,4-Dinitrotoluene
Concen: 47.13 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	64.7	52.4	78.6	
89	93.5	72.4	108.6	
182	2.6	2.0	3.0	





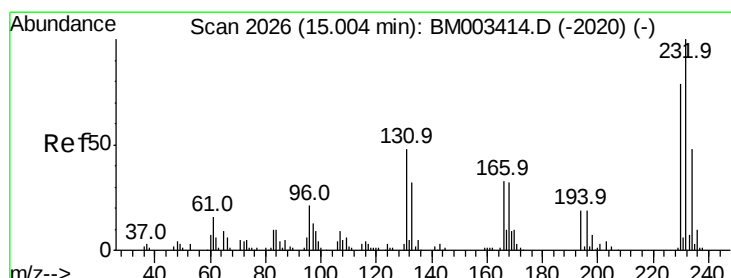
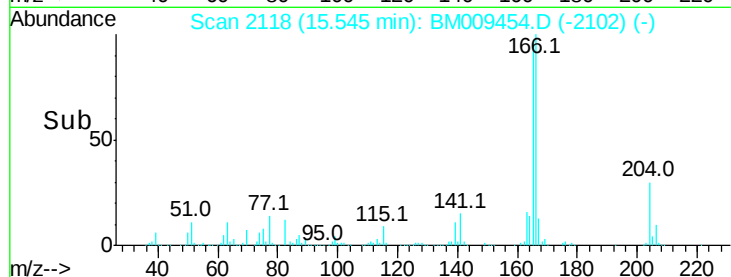
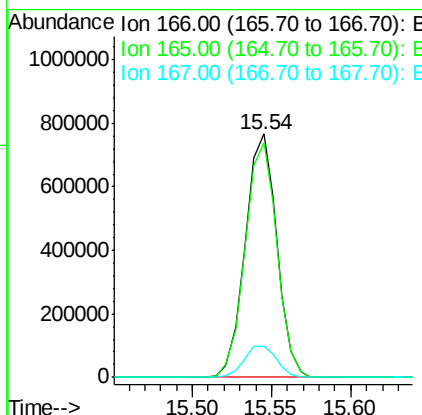
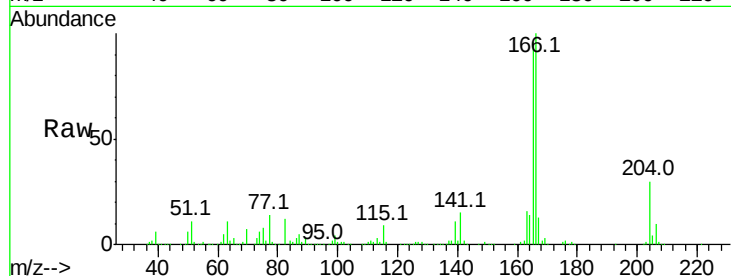
#57
Fluorene
 Concen: 42.86 ng
 RT: 15.54 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.2	79.0	118.4
167	12.9	10.3	15.5

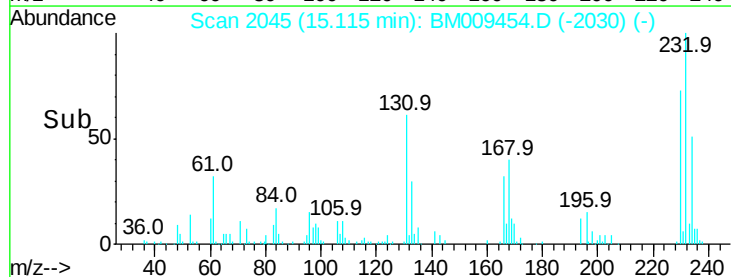
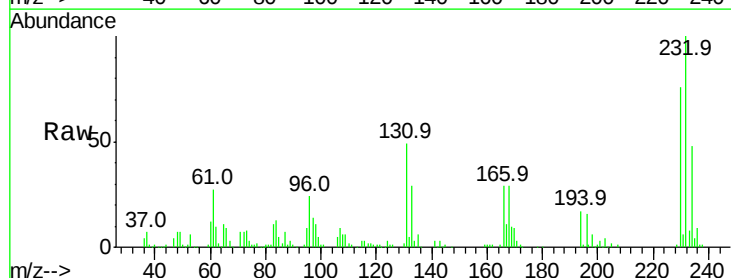
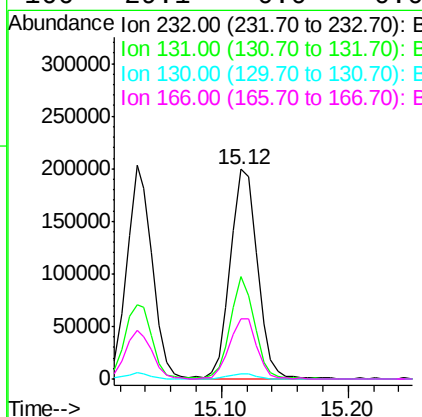
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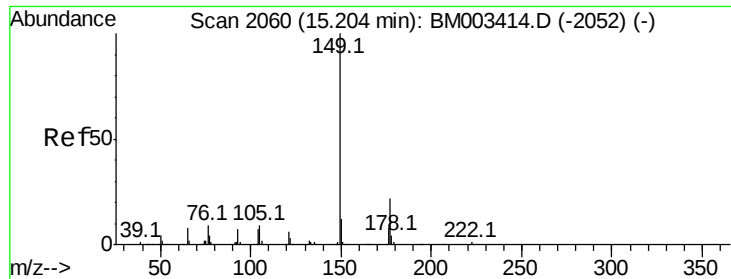
mohammad
 3/31/2017 2:12:01 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.10 ng
 RT: 15.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.8	0.0	0.0#
130	2.5	0.0	0.0#
166	29.1	0.0	0.0#





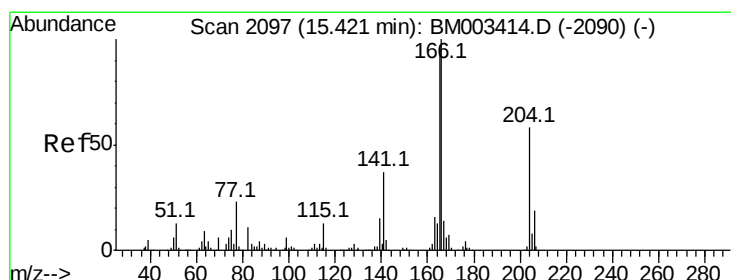
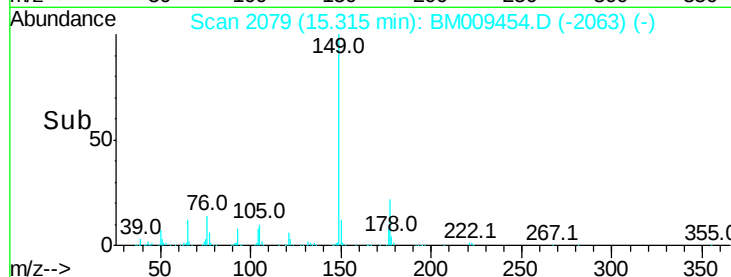
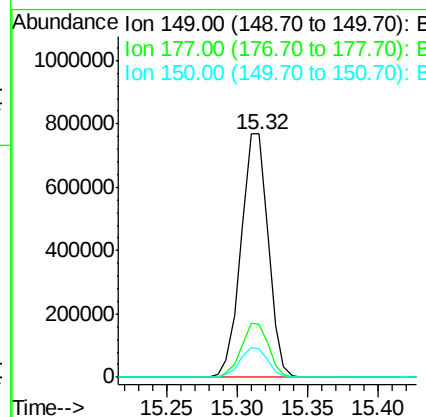
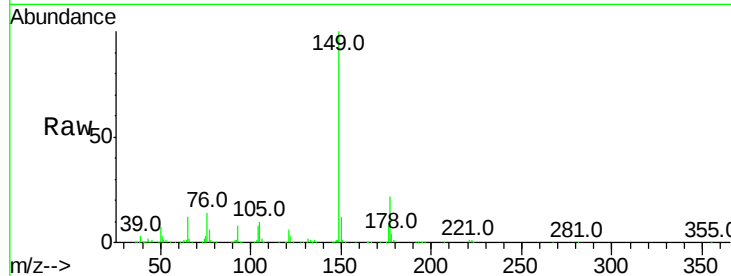
#59
Diethylphthalate
Concen: 45.23 ng
RT: 15.32 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.3	27.5
150	11.8	9.8	14.8

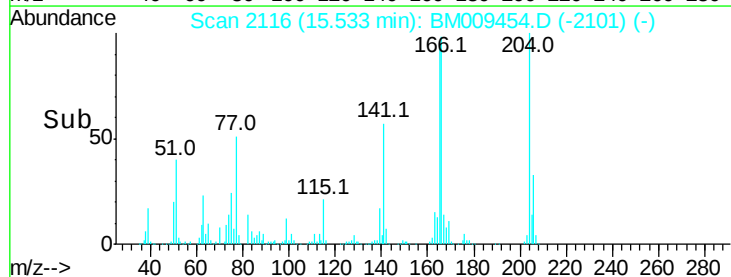
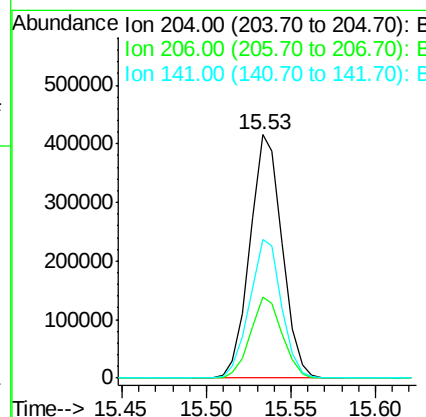
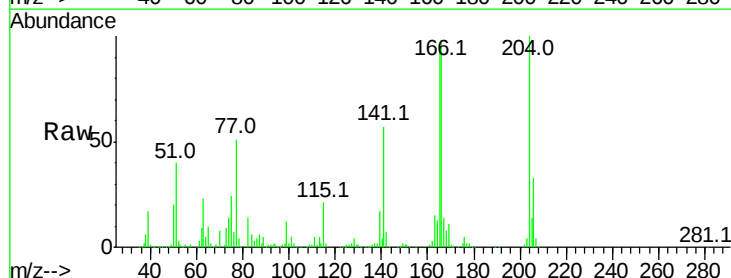
Manual Integrations
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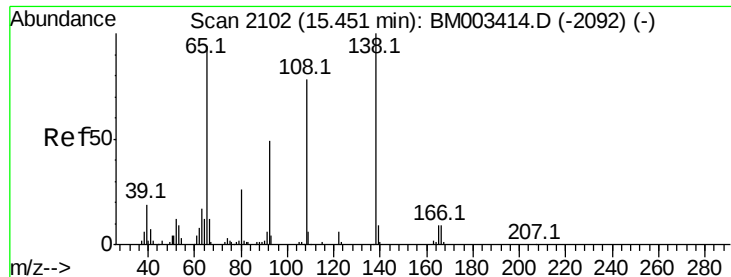
mohammad
3/31/2017 2:12:01 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.65 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	57.2	45.2	67.8





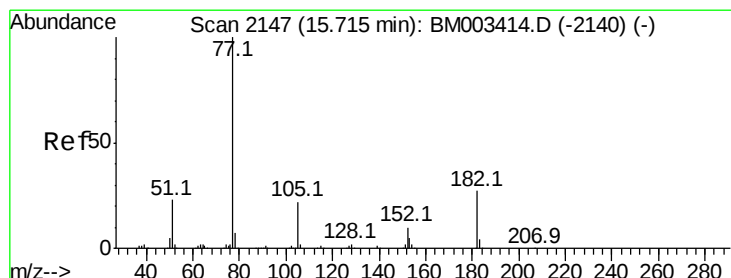
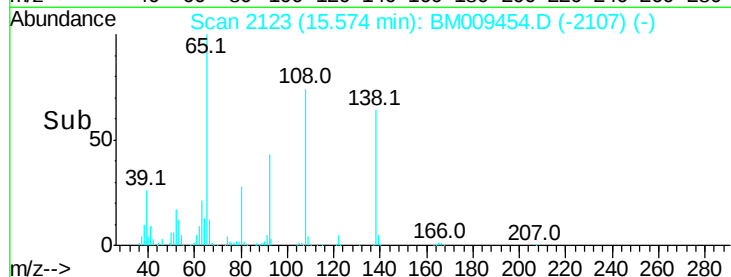
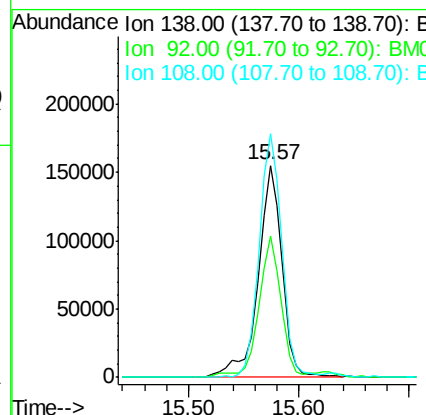
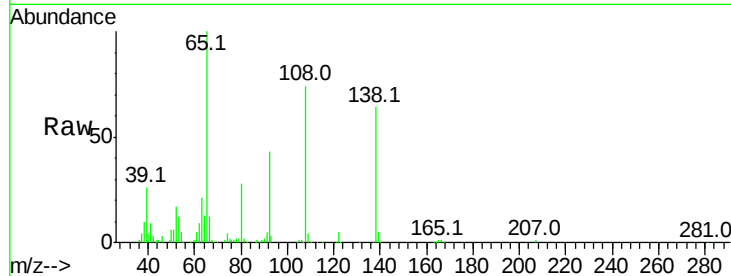
#61
4-Nitroaniline
Concen: 45.26 ng
RT: 15.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	66.6	16.7	56.7#
108	115.0	37.6	77.6#

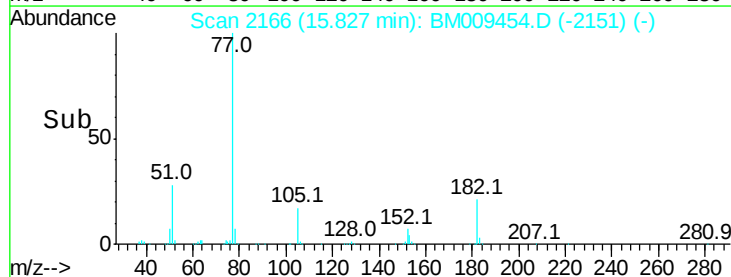
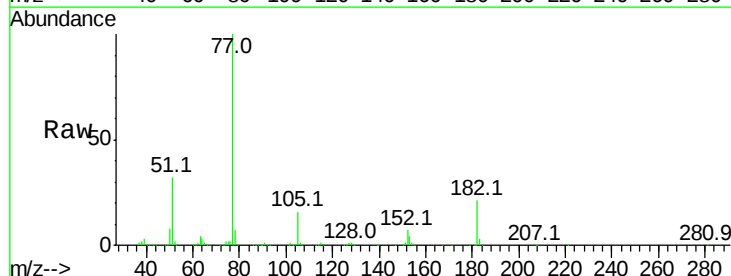
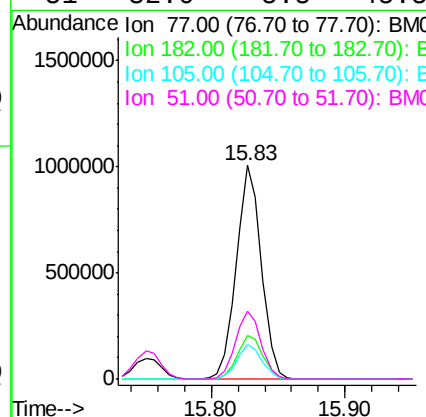
Manual Integrations
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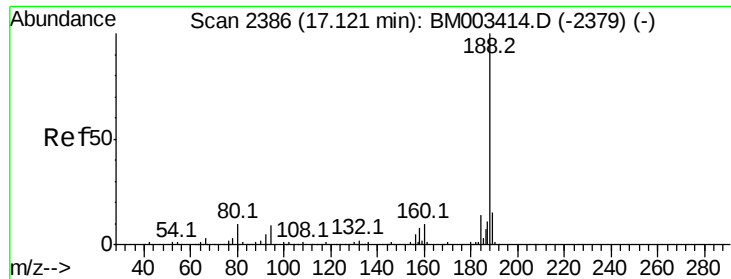
mohammad
3/31/2017 2:12:01 PM



#62
Azobenzene
Concen: 49.22 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.5	6.5	46.5
105	16.3	3.8	43.8
51	32.0	5.5	45.5





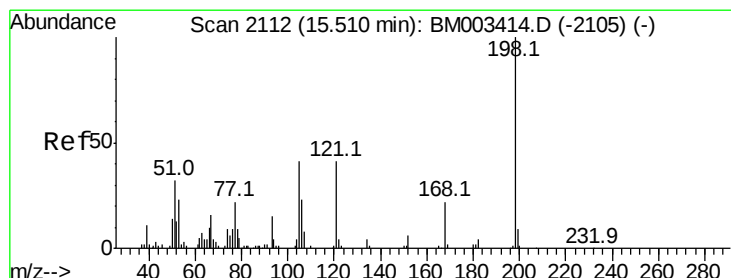
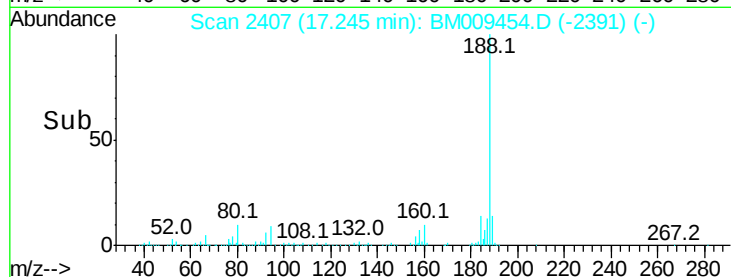
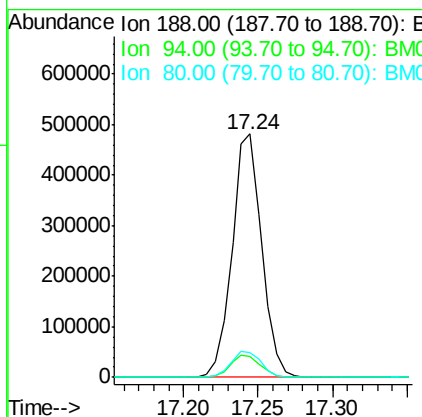
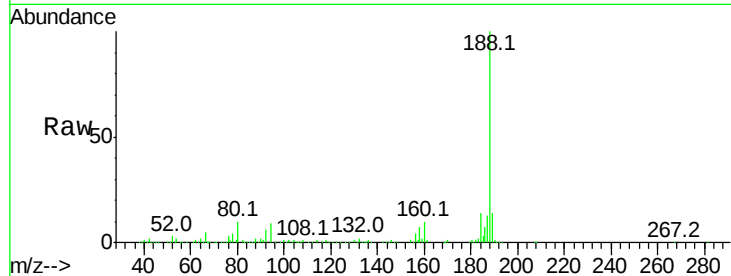
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	666083		
94	8.8		8.7	13.1
80	10.2		9.3	13.9

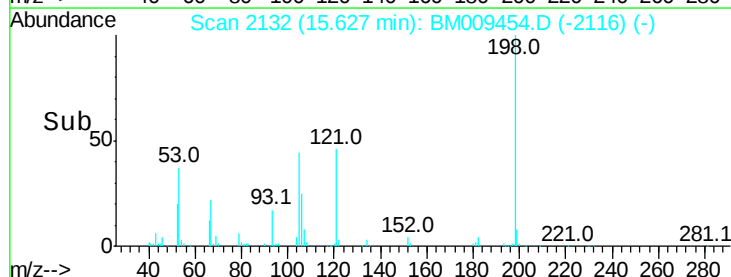
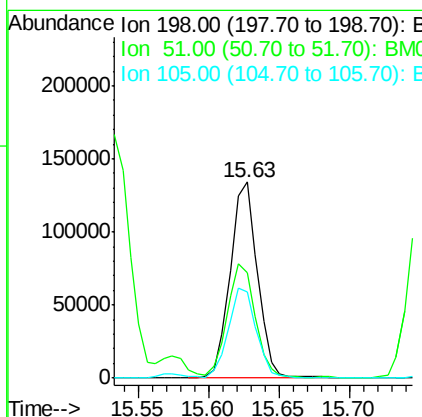
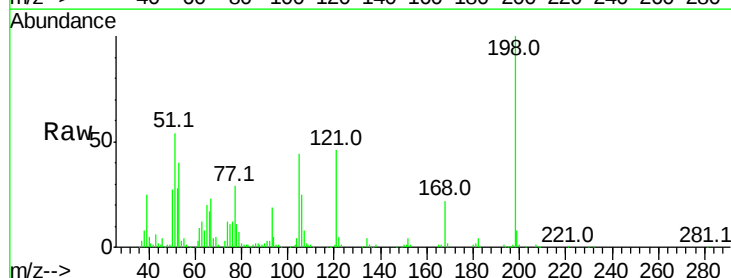
Manual Integrations
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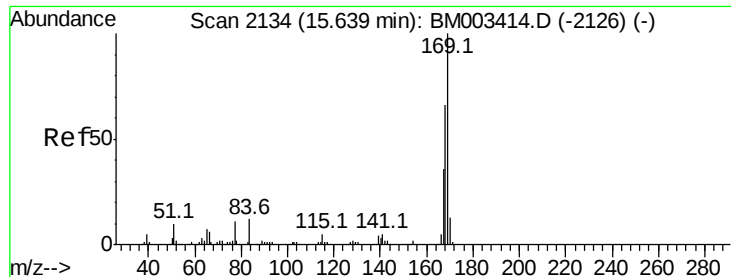
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.02 ng
RT: 15.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	180548		
51	53.7		28.8	68.8
105	44.0		30.5	70.5





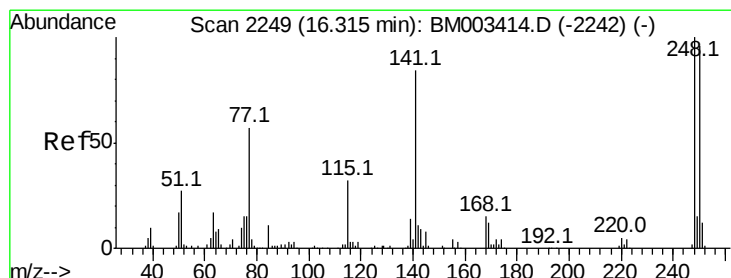
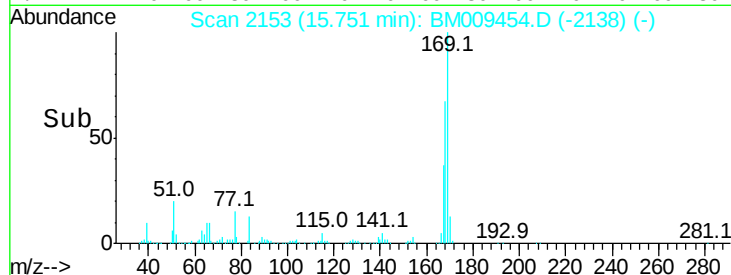
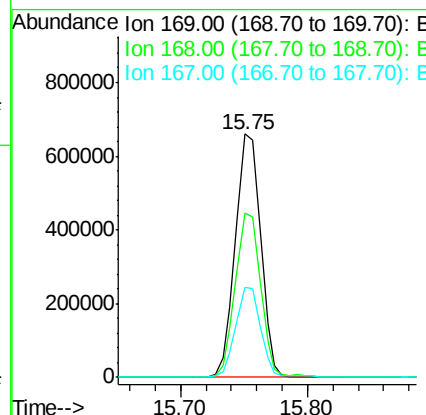
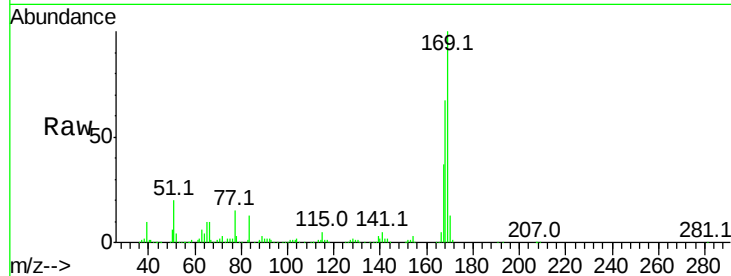
#65
n-Nitrosodiphenylamine
Concen: 44.91 ng
RT: 15.75 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.5	53.9	80.9	
167	36.8	28.9	43.3	

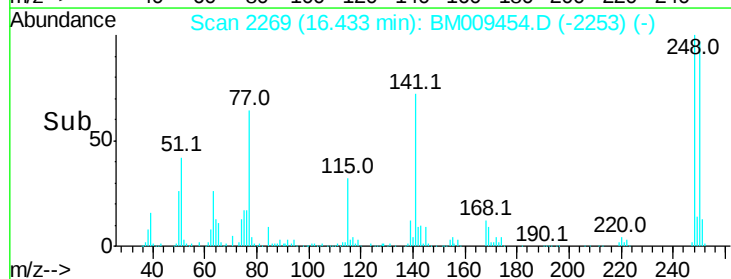
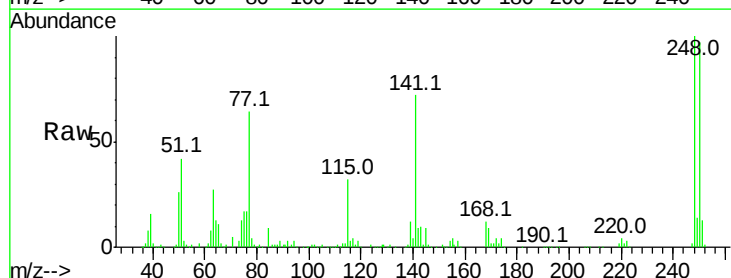
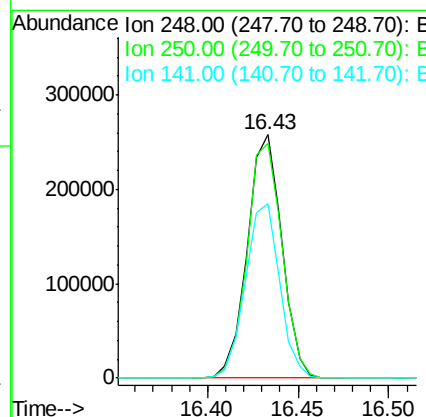
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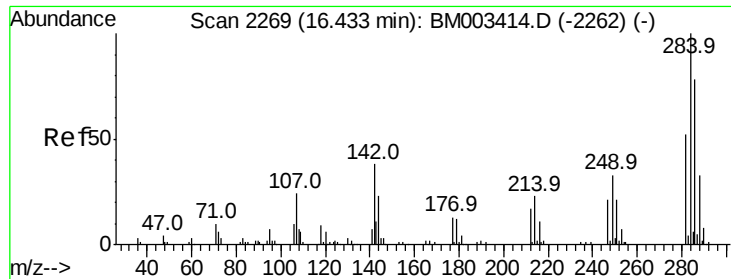
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 44.13 ng
RT: 16.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.6	77.4	116.0	
141	71.5	45.2	67.8	





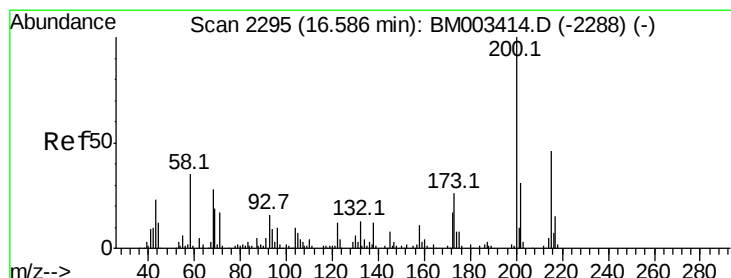
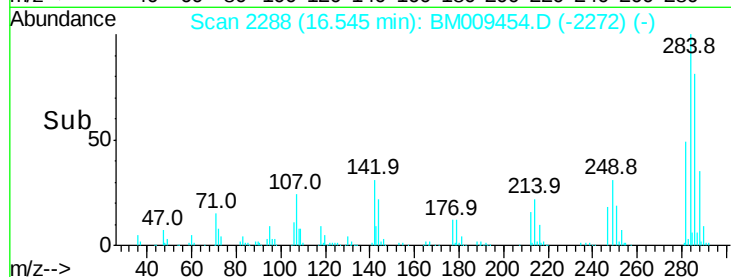
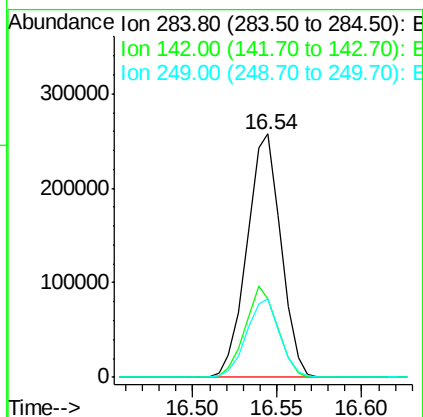
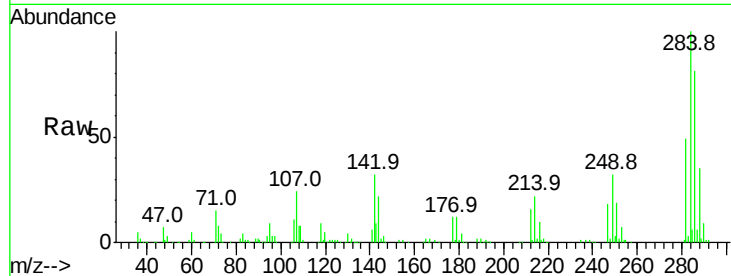
#67
Hexachlorobenzene
Concen: 42.69 ng
RT: 16.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.1	20.4	30.6	
249	32.1	23.8	35.6	

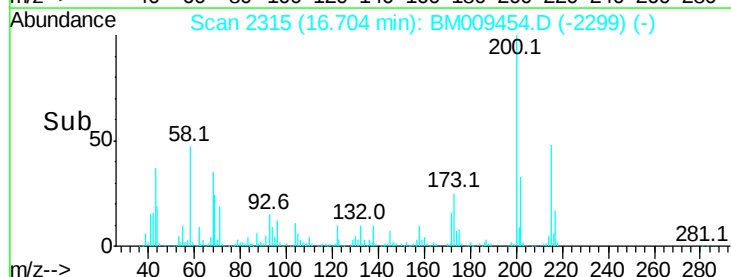
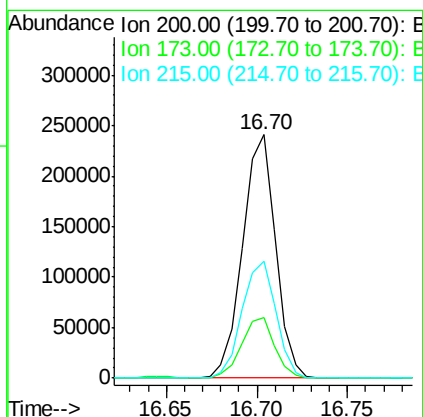
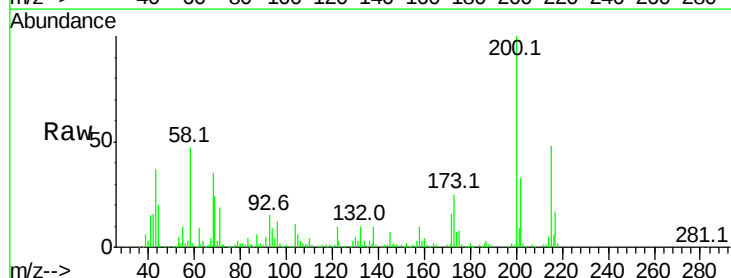
Manual Integrations
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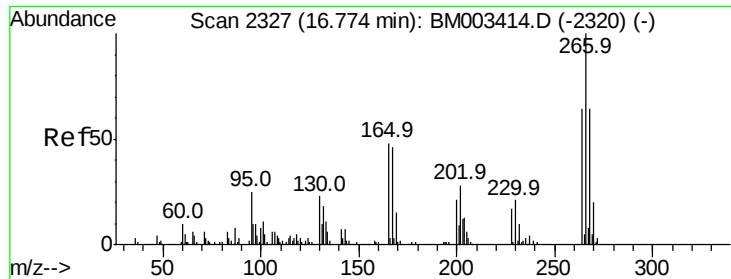
mohammad
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#68
Atrazine
Concen: 40.11 ng
RT: 16.70 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.0	4.8	44.8	
215	48.1	26.9	66.9	





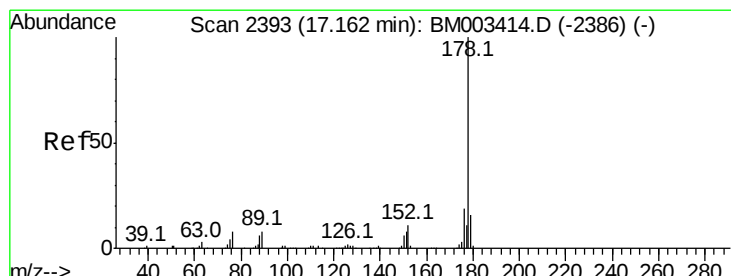
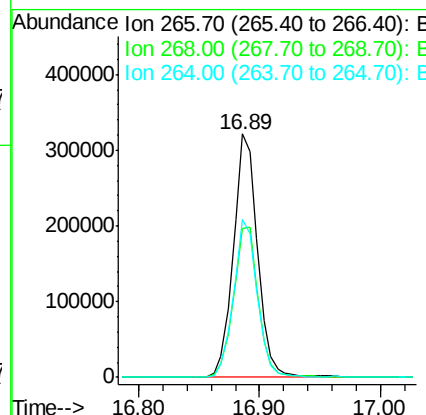
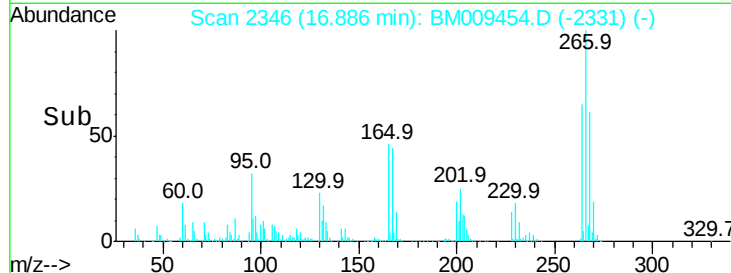
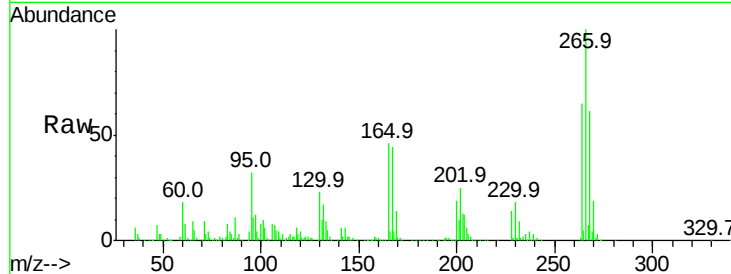
#69
Pentachlorophenol
 Concen: 86.70 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BSD

Tot Ion:	266	Resp:	448013
Ion Ratio		Lower	Upper
266	100		
268	61.3	52.0	78.0
264	64.9	49.0	73.4

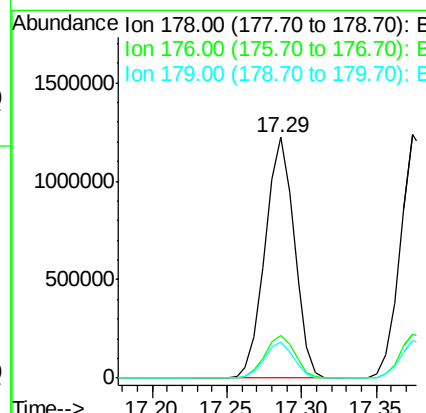
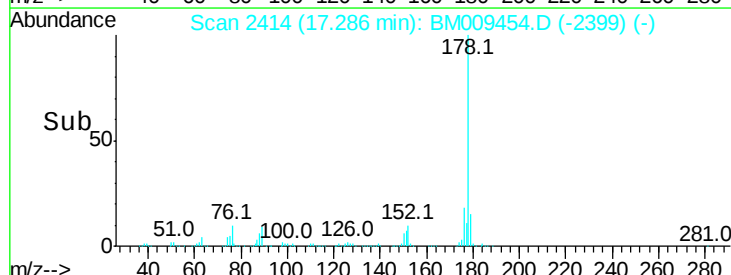
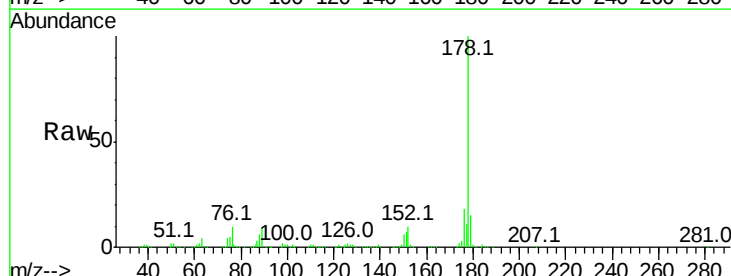
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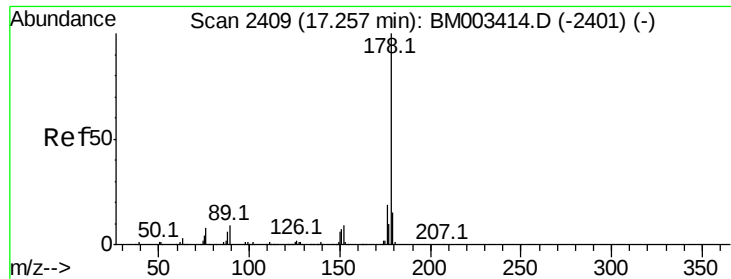
mohammad
 3/31/2017 2:12:01 PM



#70
Phenanthrene
 Concen: 43.50 ng
 RT: 17.29 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Tgt Ion:	178	Resp:	1656862
Ion Ratio		Lower	Upper
178	100		
176	17.9	15.2	22.8
179	15.0	12.1	18.1





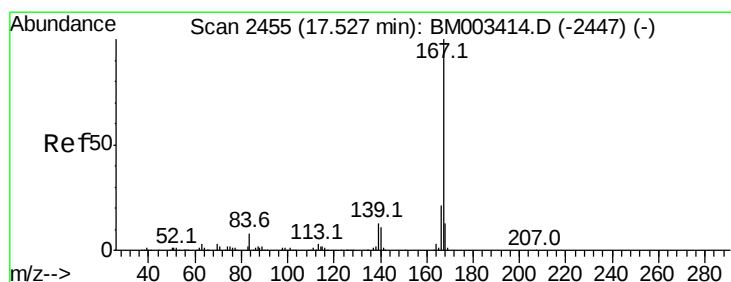
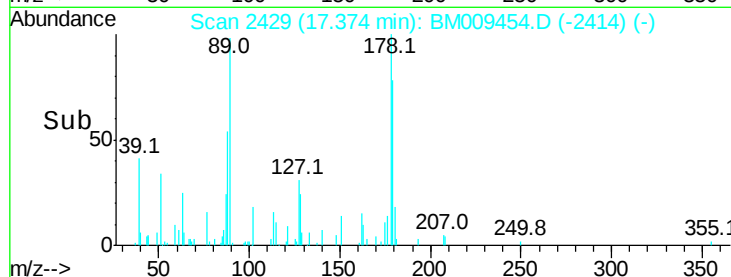
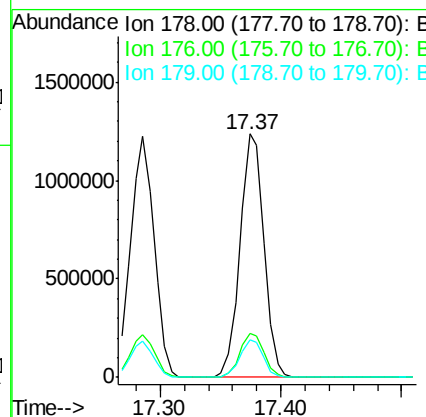
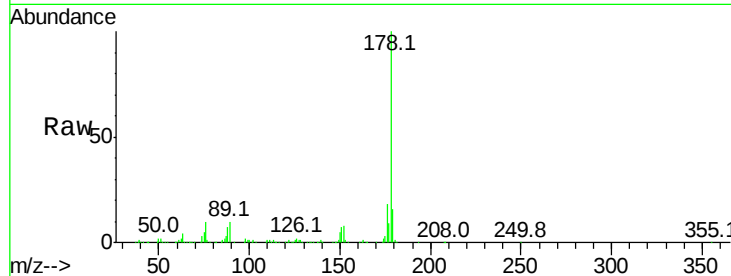
#71
 Anthracene
 Concen: 44.27 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	22.0
179	15.7	12.6	19.0

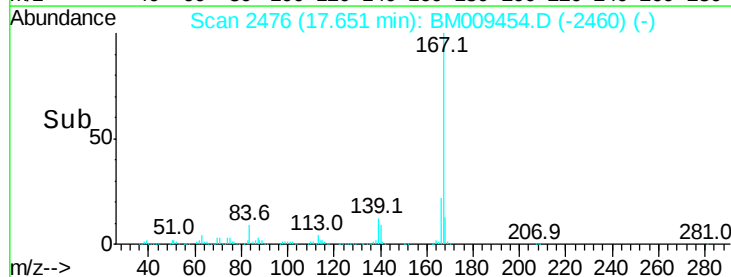
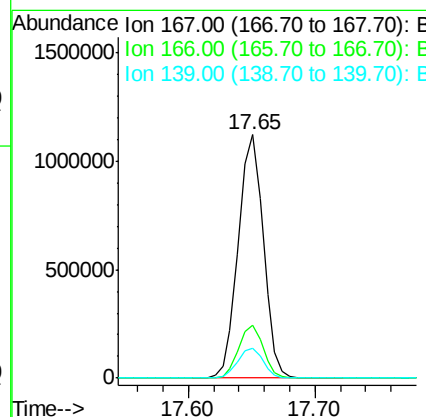
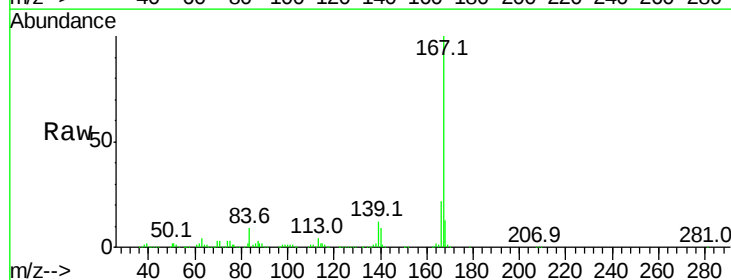
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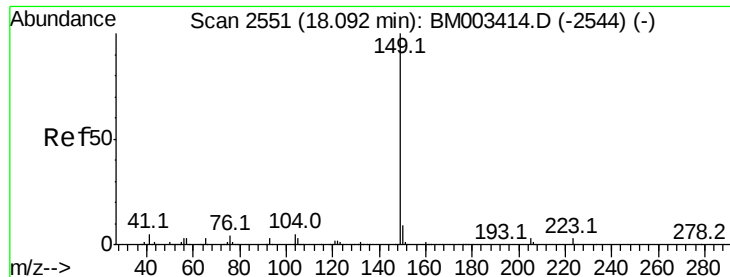
mohammad
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#72
 Carbazole
 Concen: 41.61 ng
 RT: 17.65 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	12.1	10.8	16.2





#73

Di-n-butylphthalate

Concen: 46.48 ng

RT: 18.20 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

Instrument :

BNA_M

ClientSampleId :

PB97931BSD

Tot Ion:149 Resp: 1753373

Ion Ratio Lower Upper

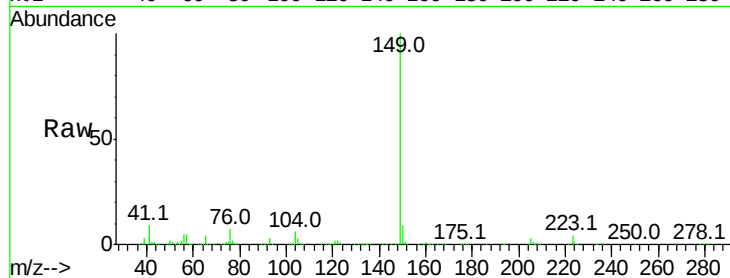
149 100

150 9.0 7.5 11.3

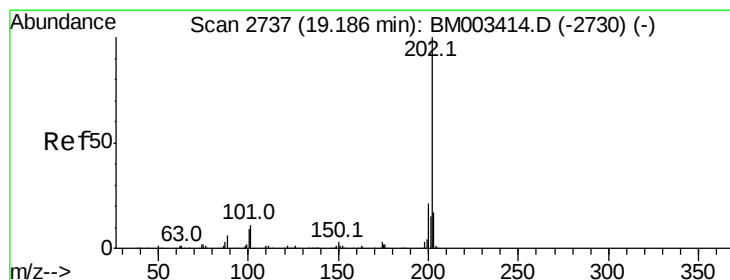
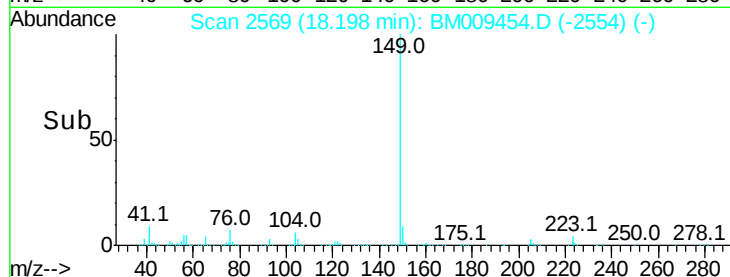
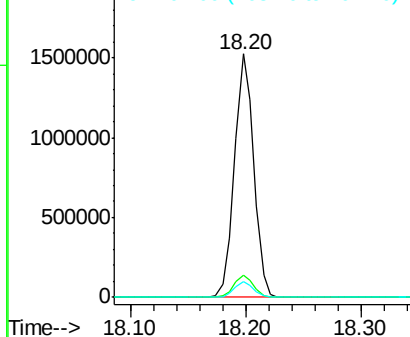
104 6.4 3.7 5.5#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.27 ng

RT: 19.30 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

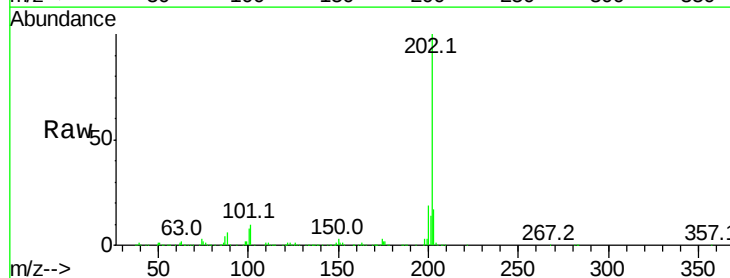
Tgt Ion:202 Resp: 1997150

Ion Ratio Lower Upper

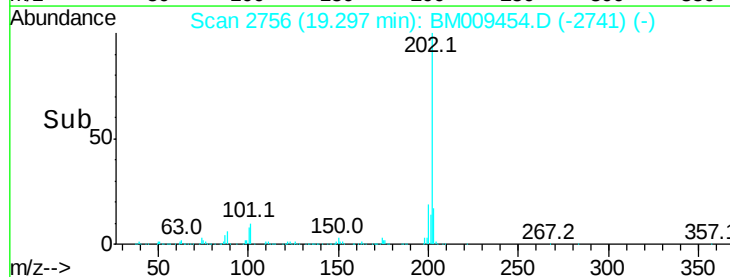
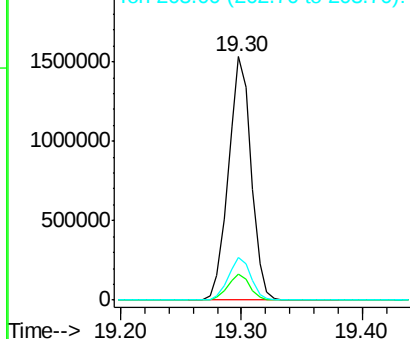
202 100

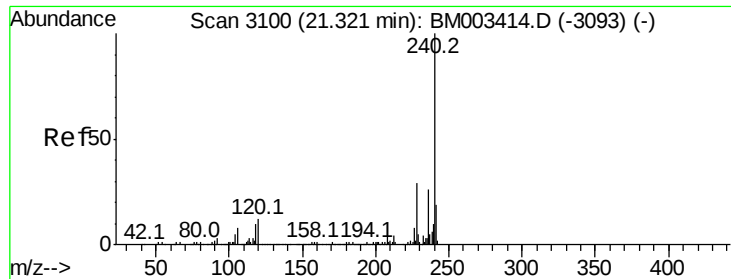
101 10.5 0.0 28.7

203 17.4 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

Instrument :

BNA_M

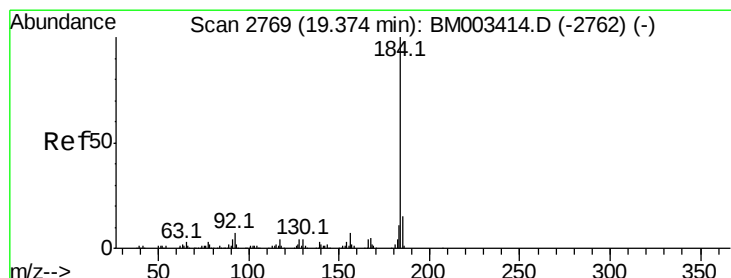
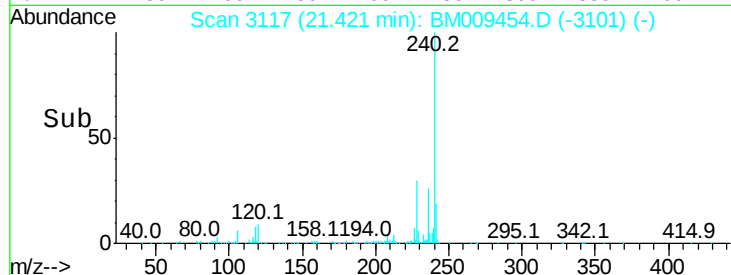
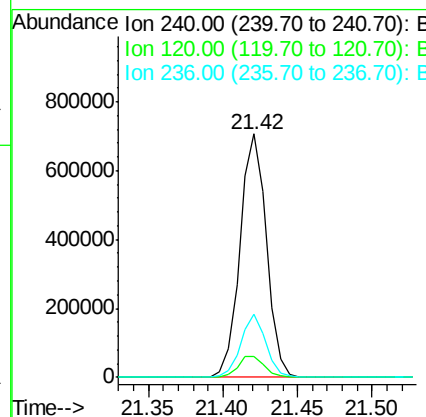
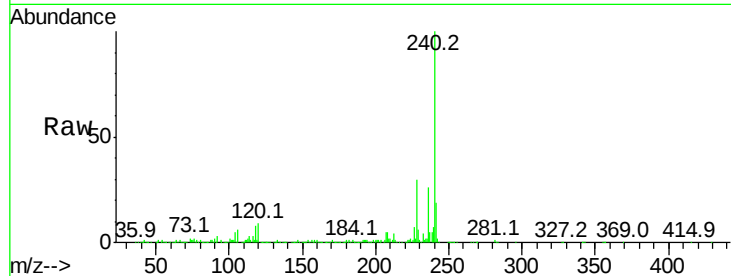
ClientSampleId :

PB97931BSD

Tot Ion:	240	Resp:	871422
Ion Ratio	Lower	Upper	
240	100		
120	8.8	8.2	12.2
236	26.1	20.0	30.0

Manual Integrations
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#76

Benzidine

Concen: 28.33 ng

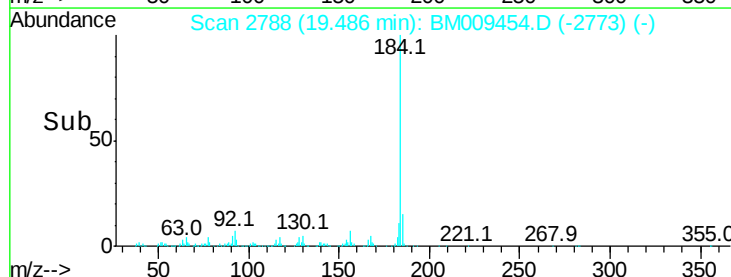
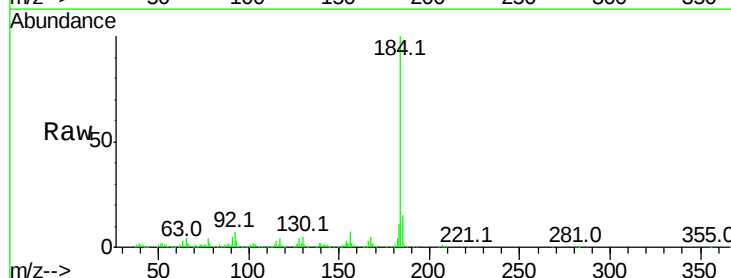
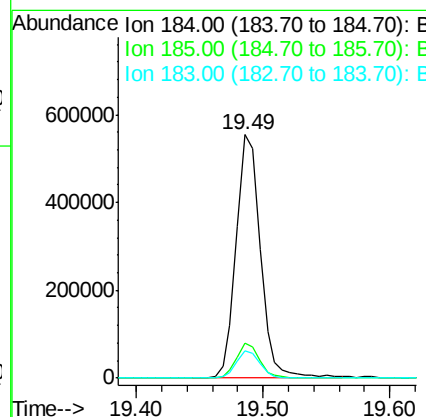
RT: 19.49 min Scan# 2788

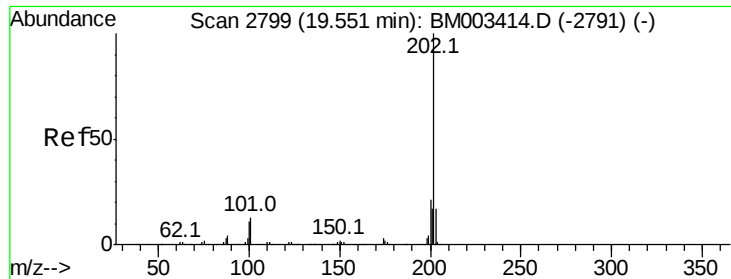
Delta R.T. -0.01 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

Tgt Ion:	184	Resp:	735778
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.3	16.9
183	11.3	8.9	13.3





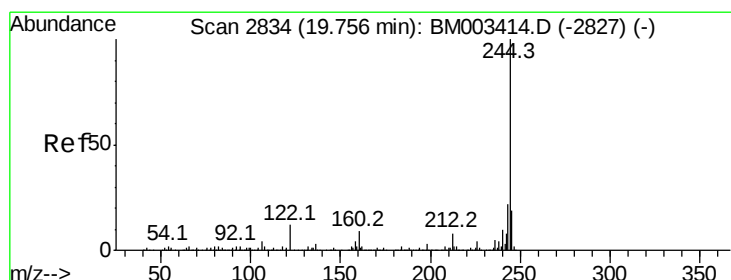
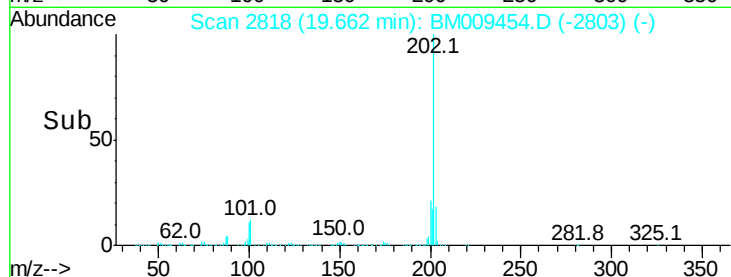
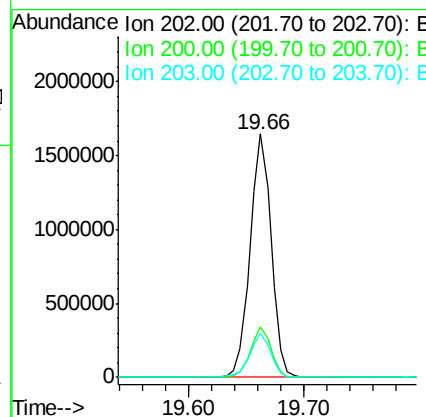
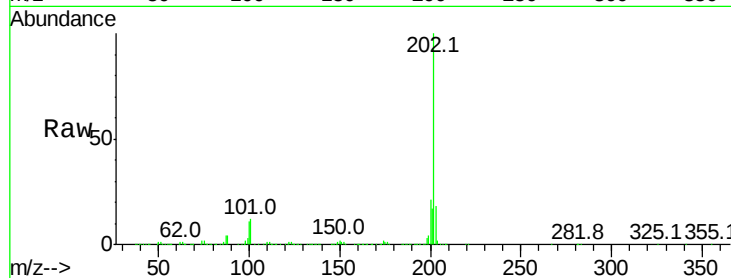
#77
Pvrene
Concen: 42.29 ng
RT: 19.66 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.9	14.1	21.1

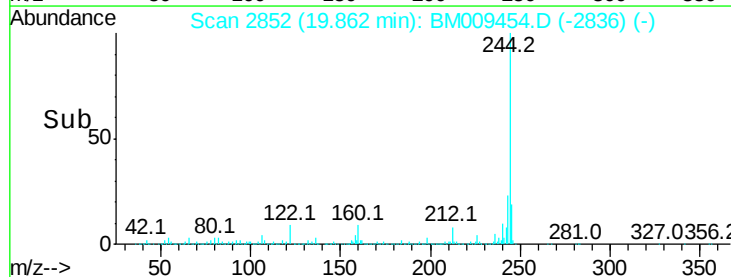
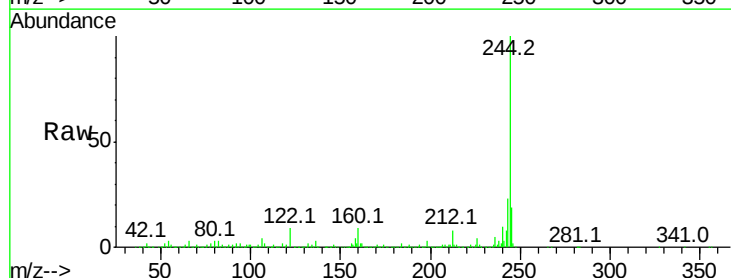
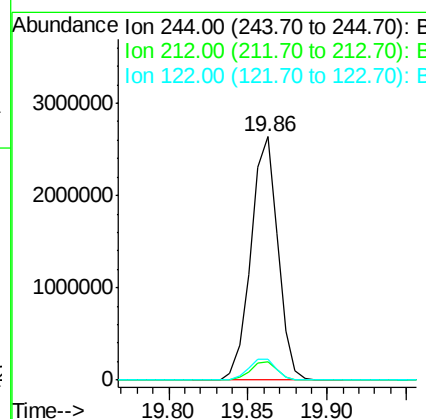
Manual Integrations
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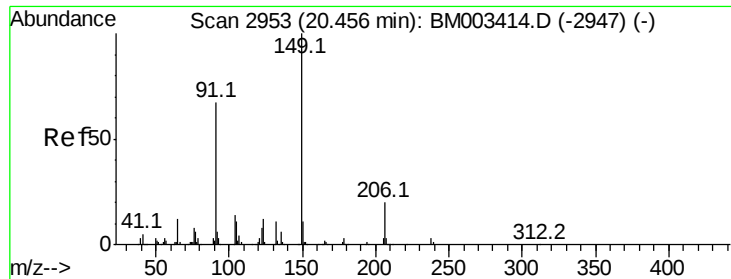
mohammad
3/31/2017 2:12:01 PM



#78
Terphenyl-d14
Concen: 74.23 ng
RT: 19.86 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	8.7	6.2	9.4





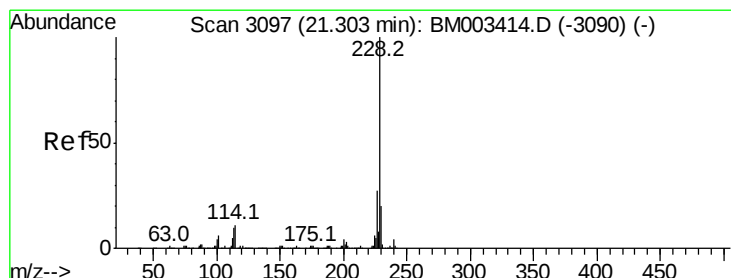
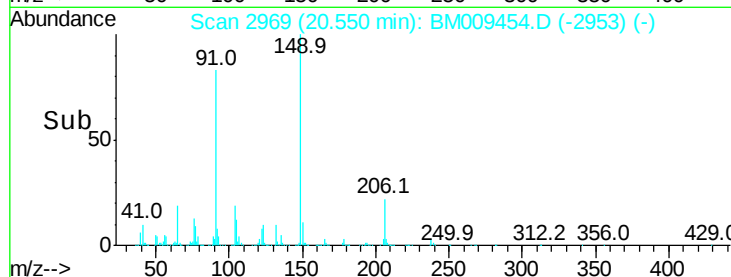
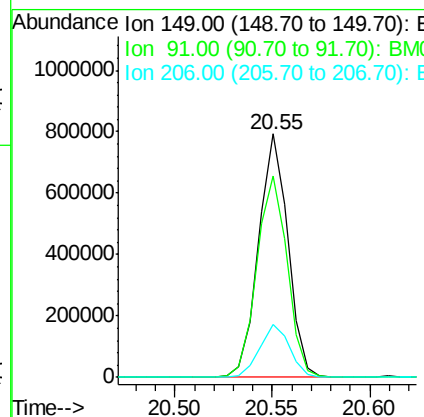
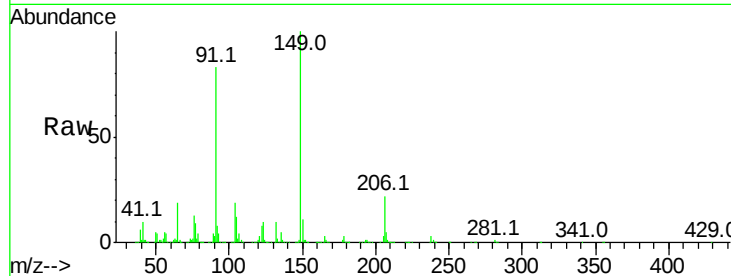
#79
Butylbenzylphthalate
Concen: 46.44 ng
RT: 20.55 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	82.8	50.1	75.1#
206	21.7	16.2	24.2

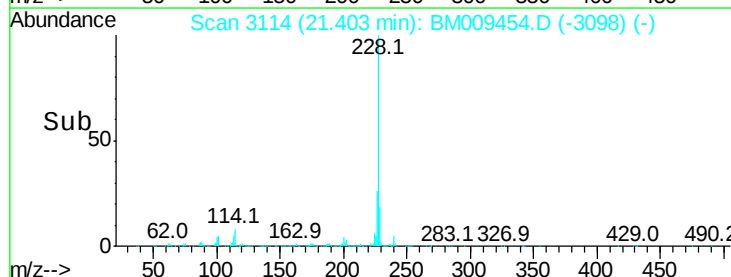
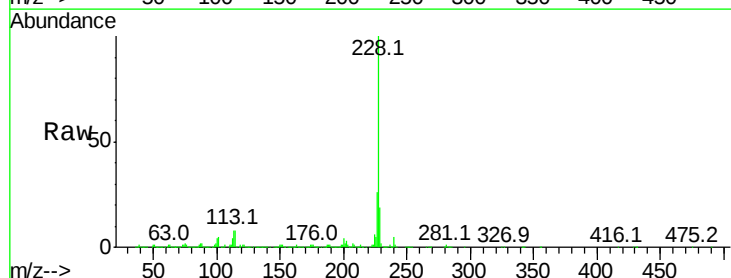
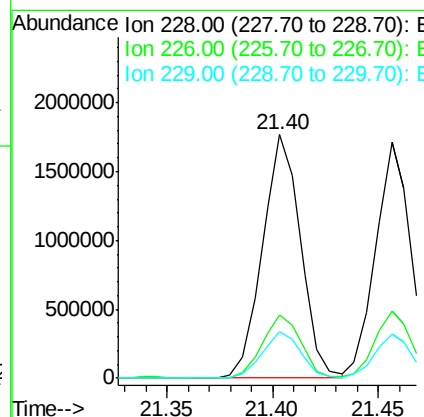
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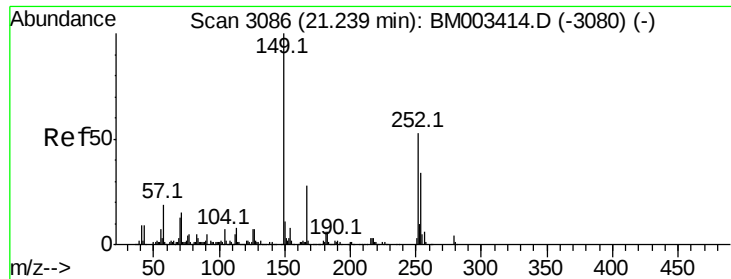
mohammad
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#80
Benzo(a)anthracene
Concen: 43.57 ng
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.7	32.5
229	19.2	16.0	24.0





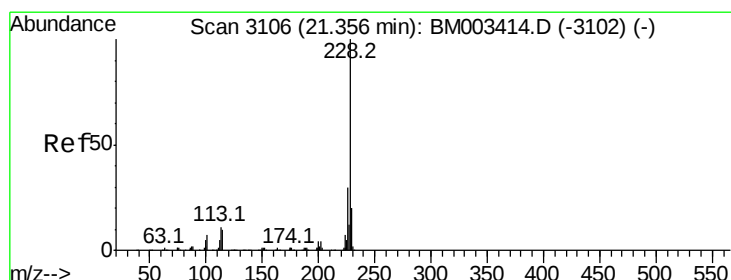
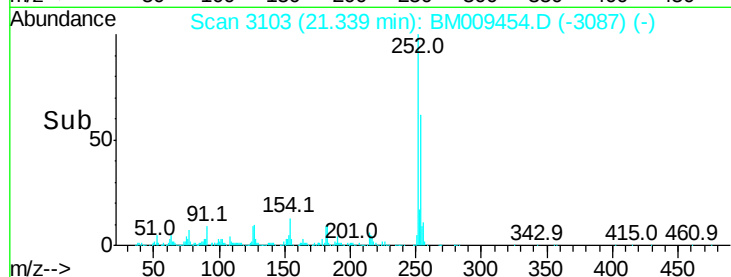
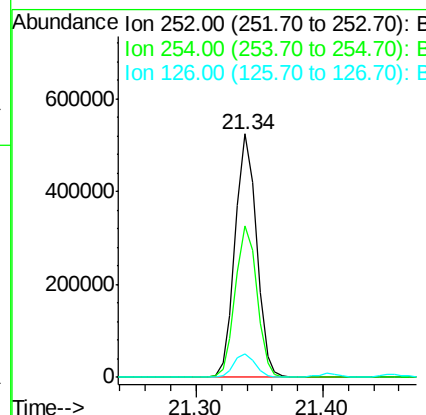
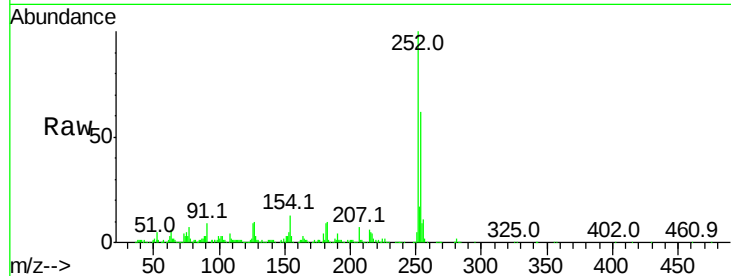
#81
 3,3'-Dichlorobenzidine
 Concen: 32.08 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.3	51.9	77.9
126	9.5	9.8	14.8

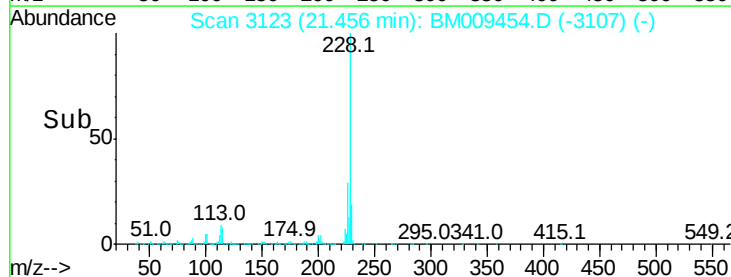
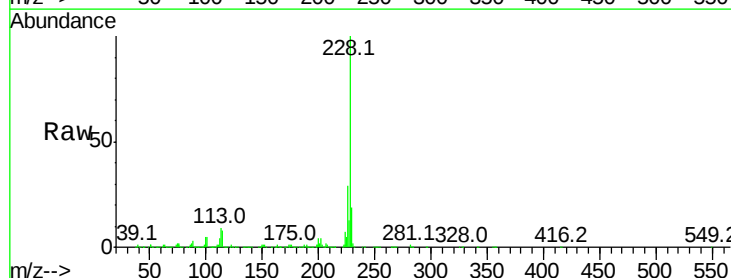
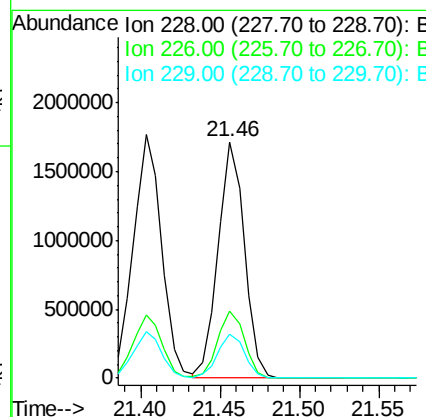
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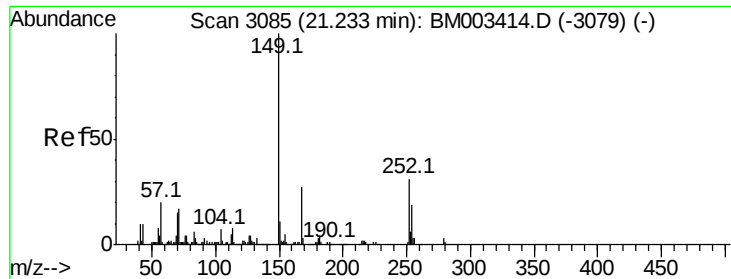
mohammad
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#82
 Chrysene
 Concen: 40.75 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.1	36.1
229	18.6	15.5	23.3





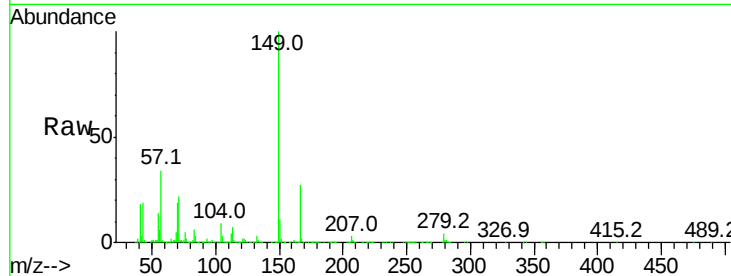
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.76 ng
 RT: 21.32 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.4	33.6
279	4.3	3.4	5.0

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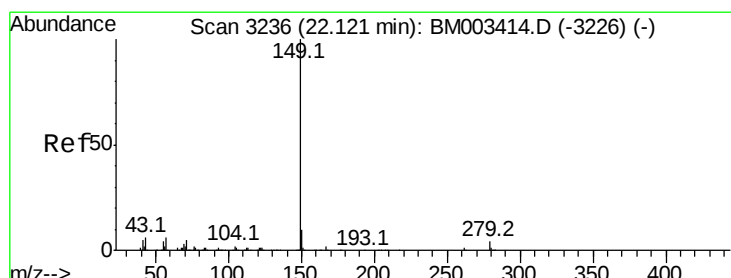
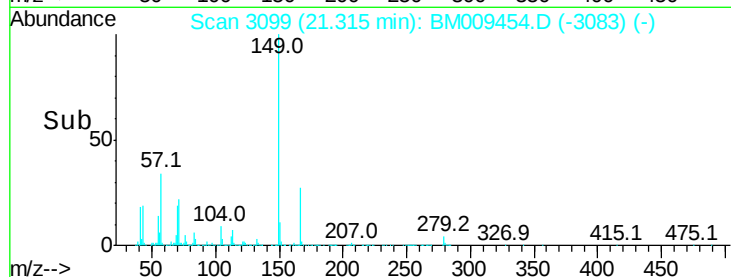
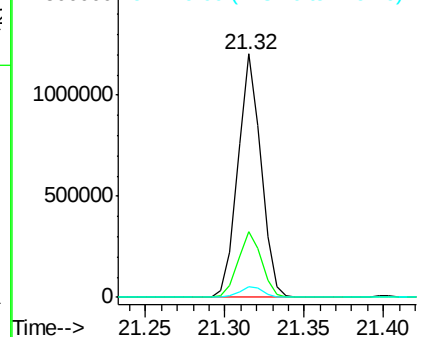


Abundance

Ion 149.00 (148.70 to 149.70): E

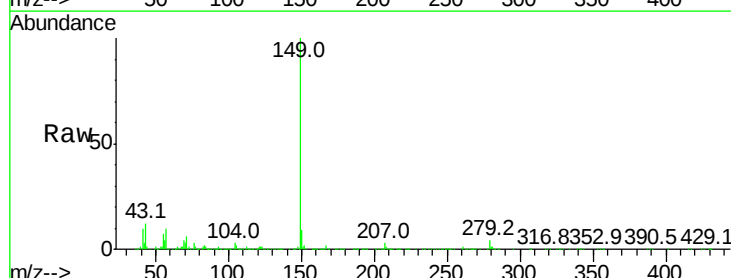
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 47.87 ng
 RT: 22.21 min Scan# 3252
 Delta R.T. -0.01 min
 Lab File: BM009454.D
 Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.7	7.3	10.9#

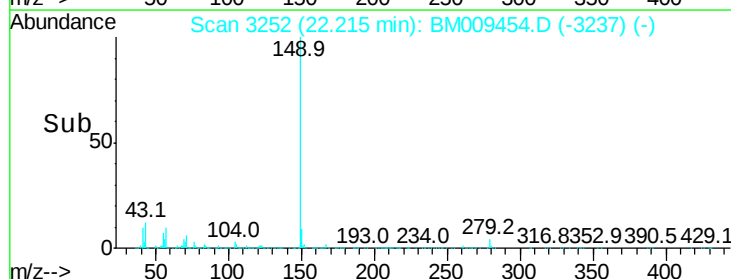
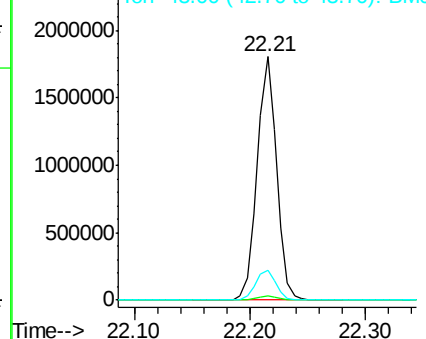


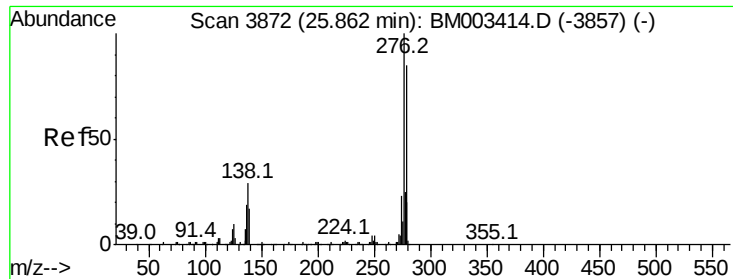
Abundance

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





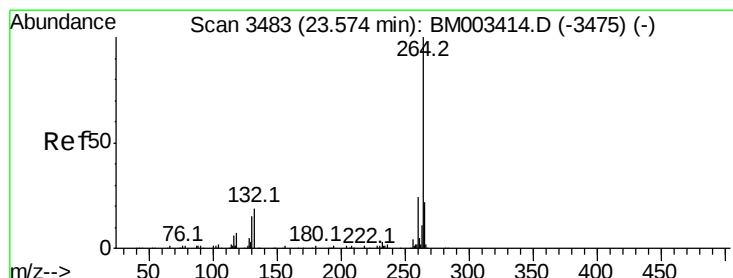
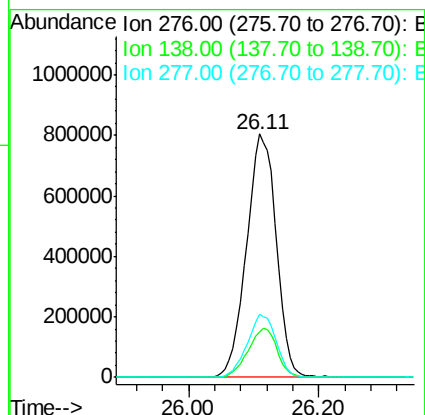
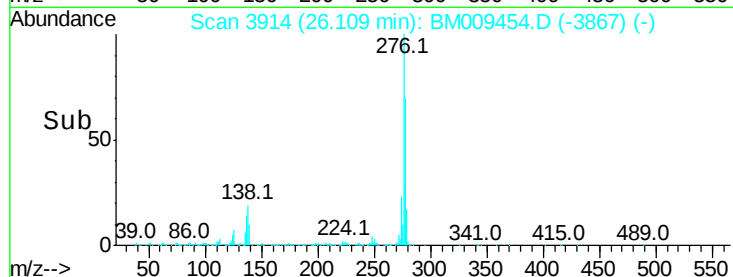
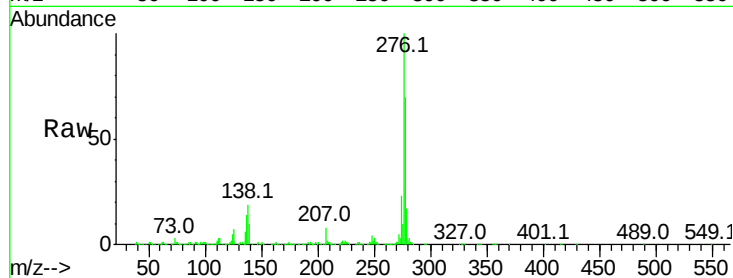
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.83 ng
RT: 26.11 min Scan# 3914
Delta R.T. -0.02 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion:276 Resp: 2535111
Ion Ratio Lower Upper
276 100
138 19.7 0.0 0.0#
277 25.4 0.0 0.0#

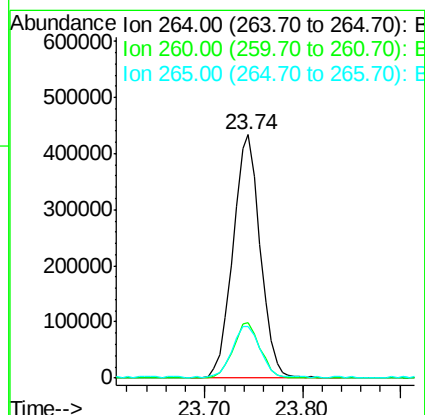
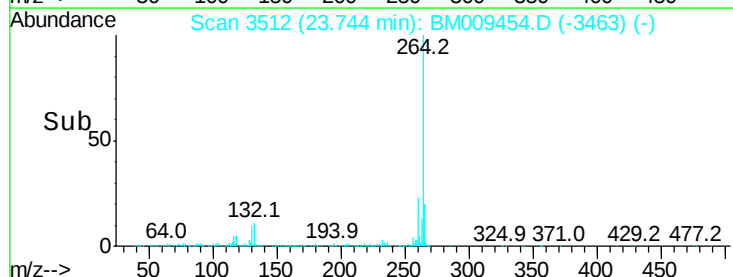
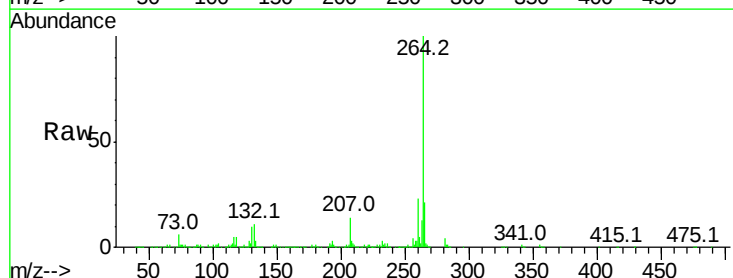
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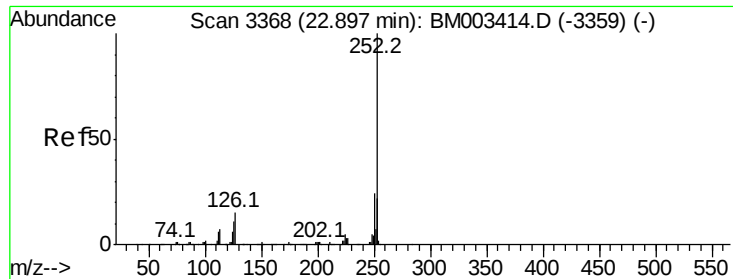
mohammad
3/31/2017 2:12:01 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion:264 Resp: 837855
Ion Ratio Lower Upper
264 100
260 22.8 18.6 27.8
265 21.0 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 42.54 ng

RT: 23.04 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

Instrument :

BNA_M

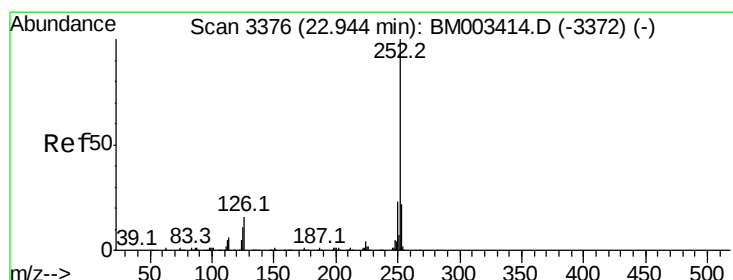
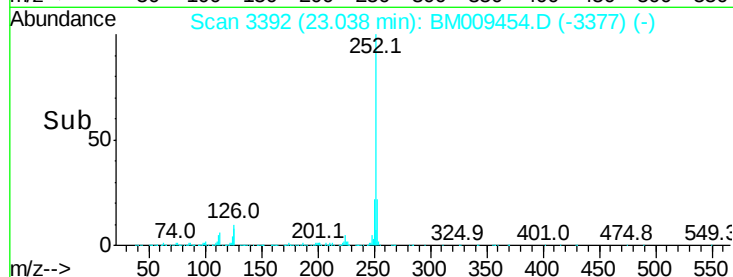
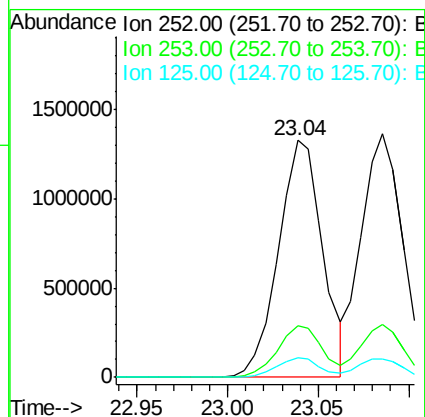
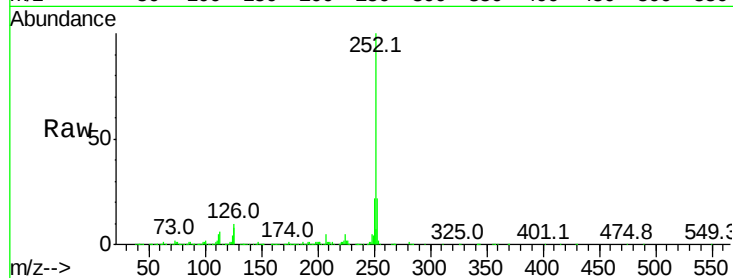
ClientSampleId :

PB97931BSD

Tot Ion:	252	Resp:	2259411
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	8.1	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 42.56 ng m

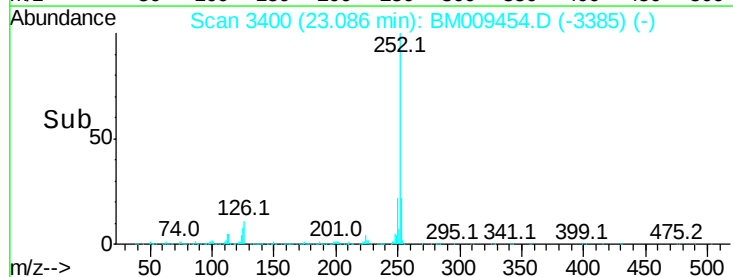
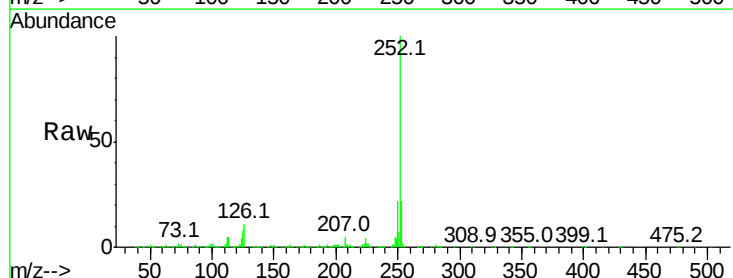
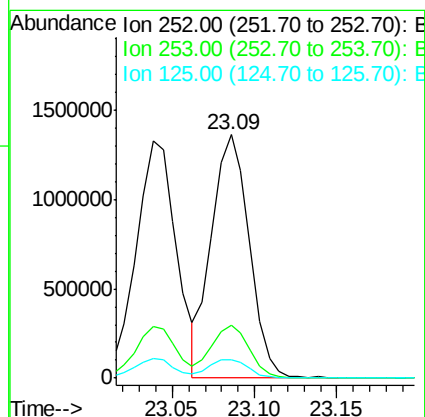
RT: 23.09 min Scan# 3400

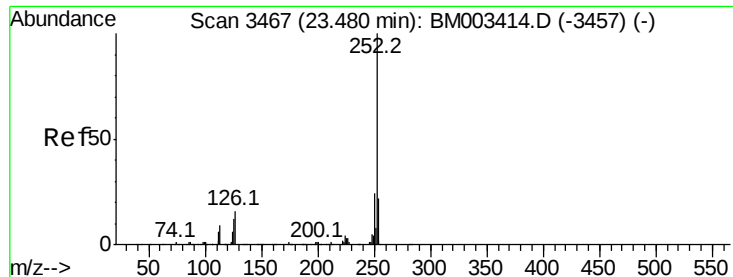
Delta R.T. -0.01 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

Tgt Ion:	252	Resp:	2173706
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.2	25.8
125	7.6	8.1	12.1#





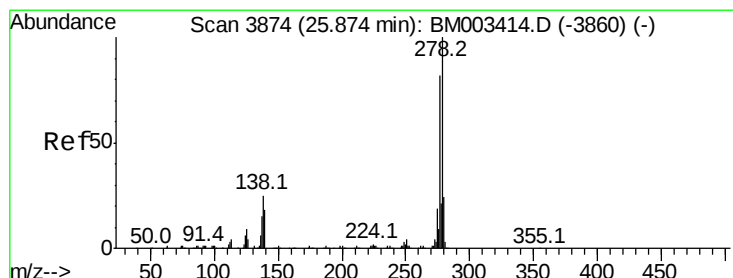
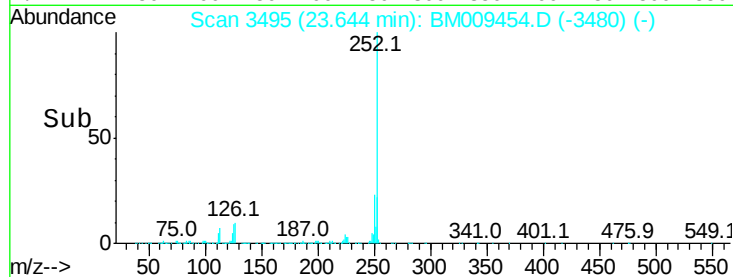
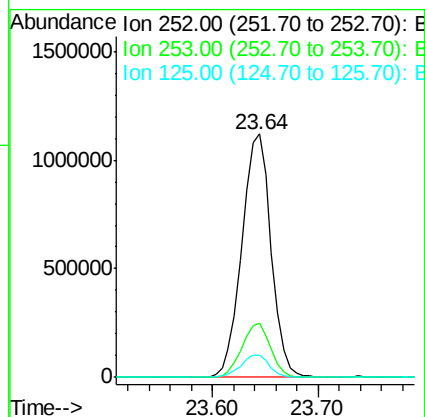
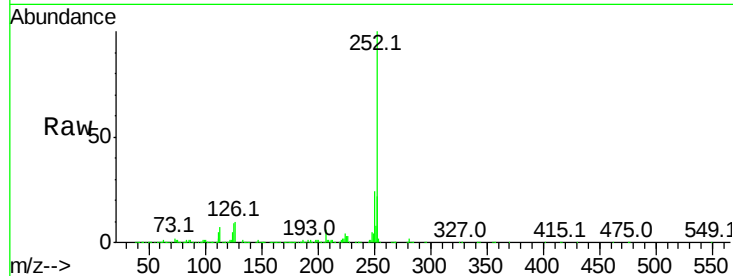
#89
Benzo(a)pyrene
Concen: 43.66 ng
RT: 23.64 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	8.9	7.4	11.2

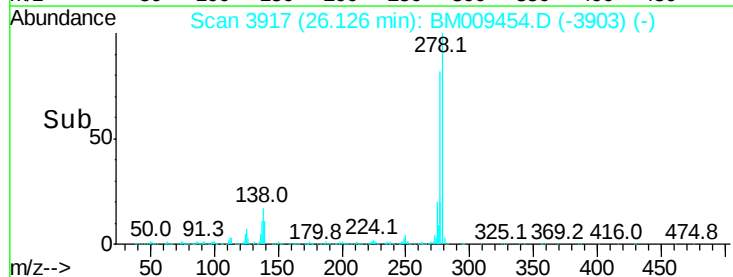
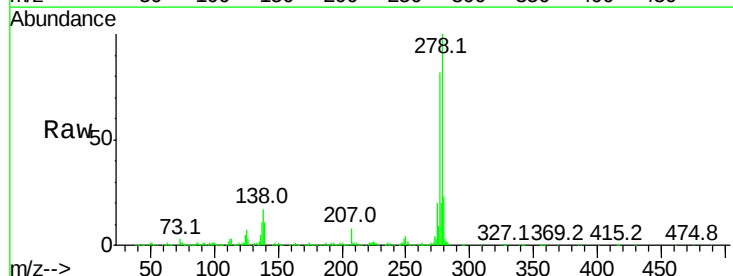
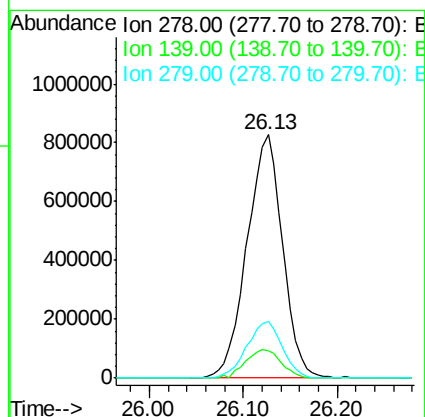
Manual Integrations
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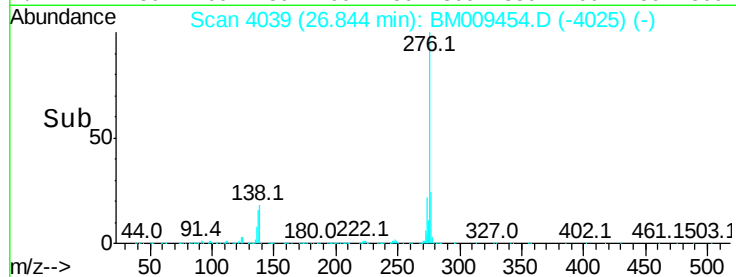
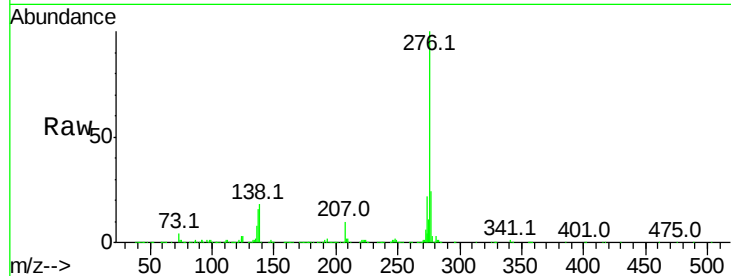
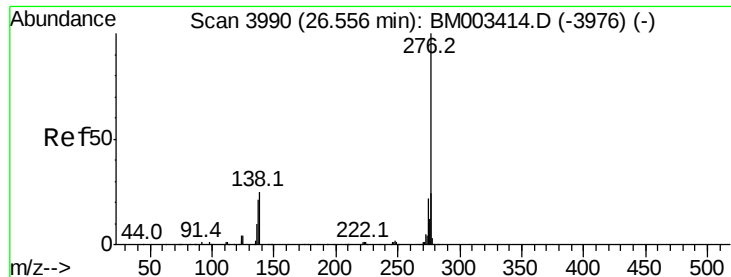
mohammad
3/31/2017 2:12:01 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.93 ng
RT: 26.13 min Scan# 3917
Delta R.T. -0.02 min
Lab File: BM009454.D
Acq: 30 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.1	13.4	20.0#
279	23.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 44.12 ng

RT: 26.84 min Scan# 4039

Delta R.T. -0.02 min

Lab File: BM009454.D

Acq: 30 Mar 2017 17:09

Instrument :

BNA_M

ClientSampleId :

PB97931BSD

Tot Ion: 276 Resp: 2072038

Ion Ratio Lower Upper

276 100

277 24.4 18.5 27.7

138 17.8 19.0 28.6#

Manual Integrations

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