

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
 Data File : BM009434.D
 Acq On : 29 Mar 2017 16:10
 Operator : SJ/MA
 Sample : PB97904BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97904BS

Manual Integrations
 APPROVED

mohammad
 3/31/2017 8:21:40 AM

Quant Time: Mar 30 01:15:49 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	108240	20.00	ng	-0.01
21) Naphthalene-d8	10.65	136	411988	20.00	ng	-0.01
38) Acenaphthene-d10	14.50	164	233555	20.00	ng	0.00
63) Phenanthrene-d10	17.24	188	526249	20.00	ng	0.00
75) Chrysene-d12	21.42	240	639878	20.00	ng	0.00
86) Perylene-d12	23.74	264	600570	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	905640	139.46	ng	0.00
7) Phenol-d6	7.01	99	1240100	140.04	ng	-0.01
23) Nitrobenzene-d5	9.02	82	905175	82.38	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	420574	144.95	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	1702578	87.84	ng	-0.01
78) Terphenyl-d14	19.86	244	2329409	76.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	115960	35.51	ng	# 100
3) Pyridine	3.75	79	345297	37.42	ng	# 80
4) n-Nitrosodimethylamine	3.67	42	223216	45.44	ng	# 66
6) Aniline	7.19	93	297240	24.70	ng	# 97
8) 2-Chlorophenol	7.42	128	311828	47.36	ng	# 81
9) Benzaldehyde	7.00	77	80975	11.62	ng	# 81
10) Phenol	7.04	94	449450	46.84	ng	# 90
11) bis(2-Chloroethyl)ether	7.28	93	339732	43.20	ng	# 83
12) 1,3-Dichlorobenzene	7.74	146	338387	42.93	ng	# 91
13) 1,4-Dichlorobenzene	7.89	146	354240	43.49	ng	# 93
14) 1,2-Dichlorobenzene	8.20	146	334798	42.33	ng	# 93
15) Benzyl Alcohol	8.09	79	354379	45.77	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.38	45	559754	40.95	ng	# 96
17) 2-Methylphenol	8.29	107	286124	45.57	ng	# 85
18) Hexachloroethane	8.92	117	144542	43.38	ng	# 93
19) n-Nitroso-di-n-propylamine	8.66	70	313665	43.94	ng	# 91
20) 3+4-Methylphenols	8.61	107	374036	43.82	ng	# 88
22) Acetophenone	8.67	105	516357	44.44	ng	# 86
24) Nitrobenzene	9.06	77	470829	43.74	ng	# 90
25) Isophorone	9.57	82	751021	44.80	ng	# 90
26) 2-Nitrophenol	9.77	139	151412	46.63	ng	# 45
27) 2,4-Dimethylphenol	9.82	122	286169	48.18	ng	# 83
28) bis(2-Chloroethoxy)methane	10.06	93	454002	43.74	ng	# 98
29) 2,4-Dichlorophenol	10.29	162	292331	47.08	ng	# 91
30) 1,2,4-Trichlorobenzene	10.51	180	344594	44.73	ng	# 99
31) Naphthalene	10.70	128	943084	43.13	ng	# 99
32) Benzoic acid	9.93	122	164694	40.77	ng	# 81
33) 4-Chloroaniline	10.82	127	99925	11.85	ng	# 73
34) Hexachlorobutadiene	10.97	225	228489	43.31	ng	# 98
35) Caprolactam	11.59	113	84661m	44.66	ng	# 99
36) 4-Chloro-3-methylphenol	11.93	107	325089	46.28	ng	# 76
37) 2-Methylnaphthalene	12.31	142	674358	44.68	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	390412	44.28	ng	# 100
40) Hexachlorocyclopentadiene	12.65	237	517976	102.35	ng	# 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	249293	49.44	nq	99
43) 2,4,5-Trichlorophenol	12.99	196	261810	46.54	nq	# 89
45) 1,1'-Biphenyl	13.33	154	890440	45.81	nq	95
46) 2-Chloronaphthalene	13.37	162	701730	46.48	nq	96
47) 2-Nitroaniline	13.58	65	256964	46.20	nq	# 72
48) Acenaphthylene	14.22	152	1102263	44.82	nq	99
49) Dimethylphthalate	13.95	163	848095	47.29	nq	# 99
50) 2,6-Dinitrotoluene	14.07	165	181532	46.98	nq	# 62
51) Acenaphthene	14.56	154	663332	44.71	nq	98
52) 3-Nitroaniline	14.41	138	80330	21.10	nq	# 49
53) 2,4-Dinitrophenol	14.62	184	193536	74.65	nq	87
54) Dibenzofuran	14.89	168	1081283	49.28	nq	95
55) 4-Nitrophenol	14.70	139	298214	94.77	nq	# 24
56) 2,4-Dinitrotoluene	14.86	165	253151	48.42	nq	98
57) Fluorene	15.54	166	868887	44.06	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.12	232	240458	50.54	nq	# 100
59) Diethylphthalate	15.32	149	849346	46.69	nq	98
60) 4-Chlorophenyl-phenylether	15.54	204	460465	44.71	nq	98
61) 4-Nitroaniline	15.57	138	176616	42.71	nq	# 26
62) Azobenzene	15.83	77	1103581	51.97	nq	85
64) 4,6-Dinitro-2-methylphenol	15.63	198	142927	43.11	nq	88
65) n-Nitrosodiphenylamine	15.76	169	757306	47.37	nq	98
66) 4-Bromophenyl-phenylether	16.43	248	278152	45.62	nq	# 89
67) Hexachlorobenzene	16.54	284	307988	46.08	nq	# 94
68) Atrazine	16.70	200	256818	42.72	nq	98
69) Pentachlorophenol	16.89	266	365271	89.47	nq	98
70) Phenanthrene	17.29	178	1351241	44.90	nq	99
71) Anthracene	17.37	178	1400037	45.95	nq	99
72) Carbazole	17.65	167	1213102	41.58	nq	98
73) Di-n-butylphthalate	18.20	149	1377311	46.21	nq	# 97
74) Fluoranthene	19.30	202	1570390	44.06	nq	99
76) Benzidine	19.49	184	478302	25.08	nq	99
77) Pyrene	19.66	202	1630461	44.93	nq	98
79) Butylbenzylphthalate	20.55	149	603715	46.20	nq	# 73
80) Benzo(a)anthracene	21.40	228	1682836	45.03	nq	98
81) 3,3'-Dichlorobenzidine	21.34	252	332662	23.77	nq	98
82) Chrysene	21.46	228	1515688	42.48	nq	99
83) Bis(2-ethylhexyl)phthalate	21.32	149	892096	45.74	nq	97
84) Di-n-octyl phthalate	22.21	149	1546077	47.64	nq	# 91
85) Indeno(1,2,3-cd)pyrene	26.11	276	1927257	49.52	nq	# 100
87) Benzo(b)fluoranthene	23.04	252	1728263	45.40	nq	# 95
88) Benzo(k)fluoranthene	23.09	252	1606634	43.88	nq	# 97
89) Benzo(a)pyrene	23.64	252	1611826	45.72	nq	98
90) Dibenzo(a,h)anthracene	26.13	278	1636874	47.40	nq	# 96
91) Benzo(g,h,i)perylene	26.84	276	1605990	47.70	nq	# 92

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

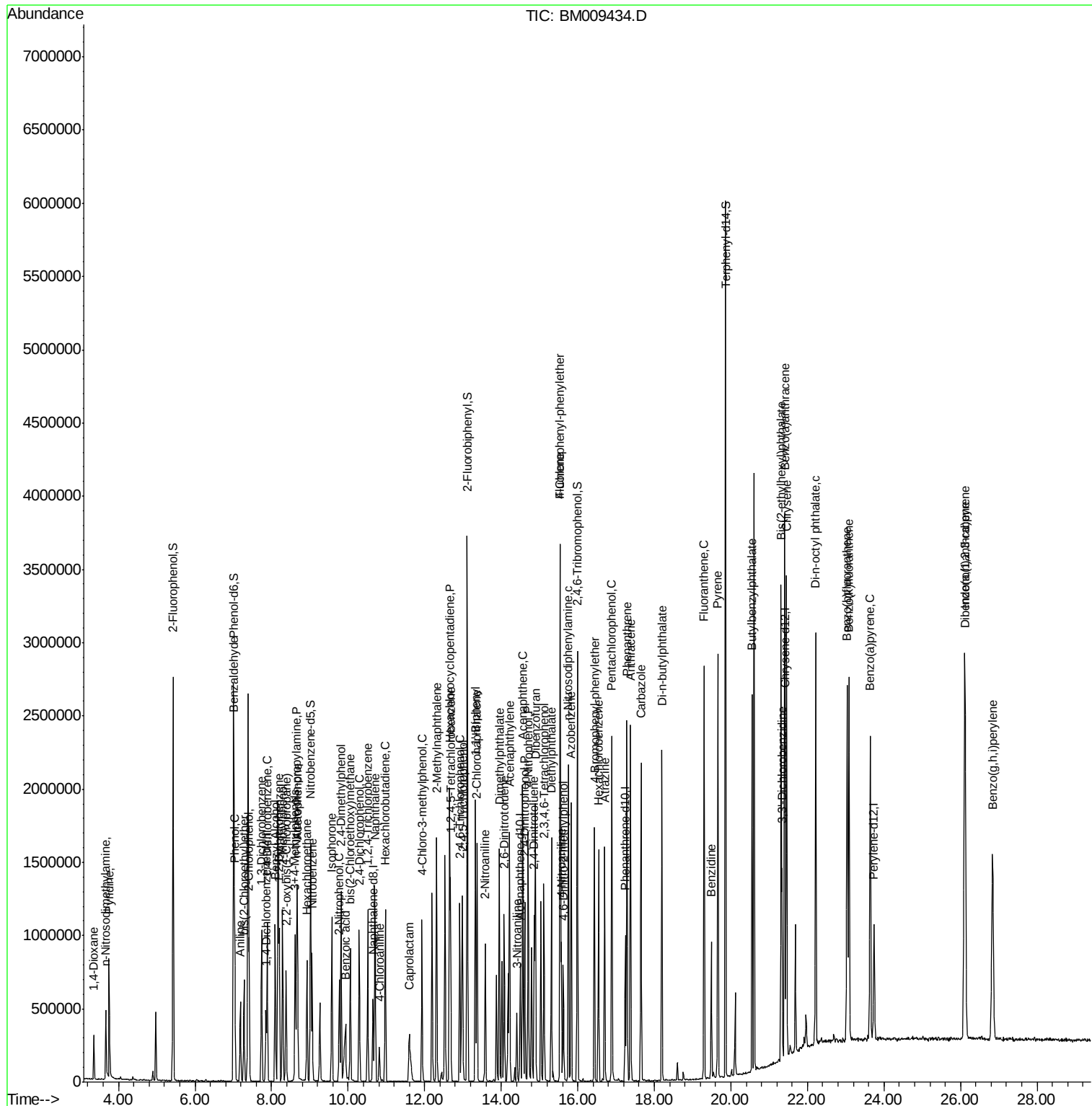
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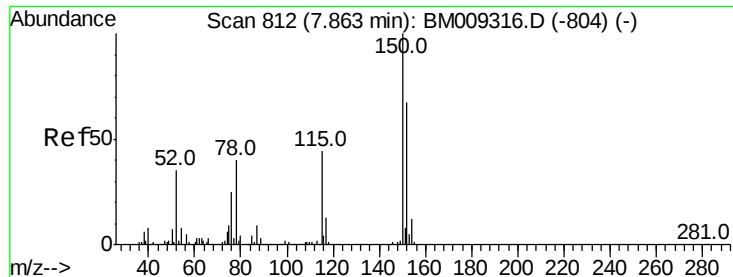
Instrument :
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ClientSampleId :
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#1

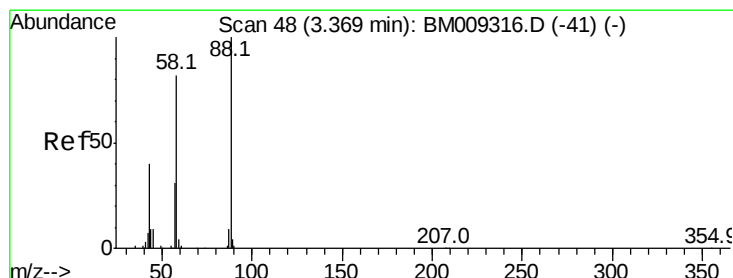
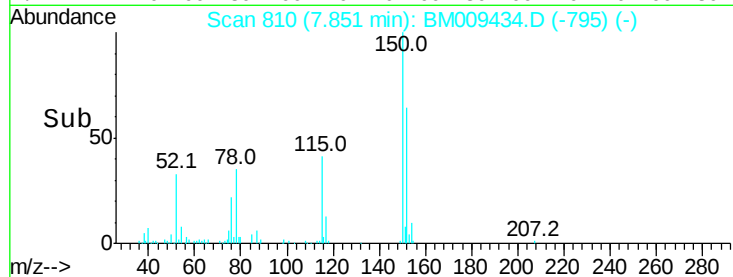
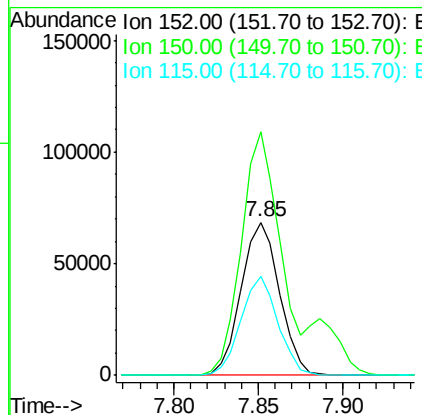
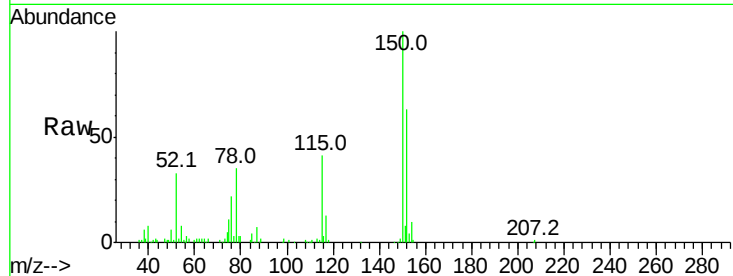
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	119.5	179.3
115	64.7	43.0	64.4#

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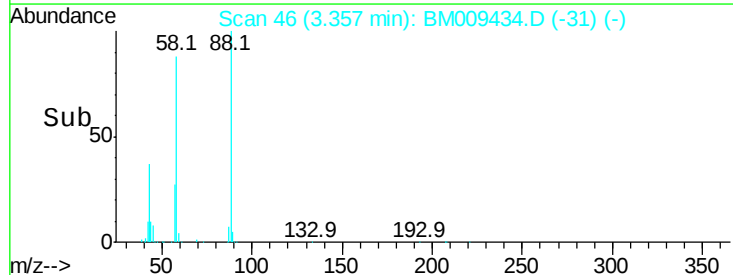
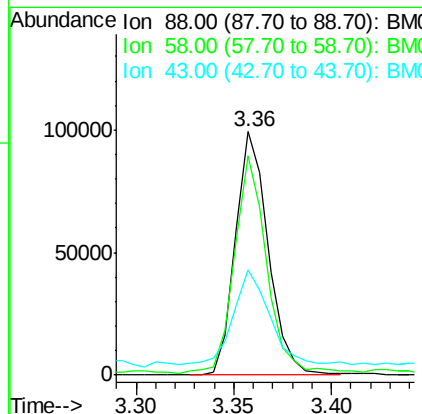
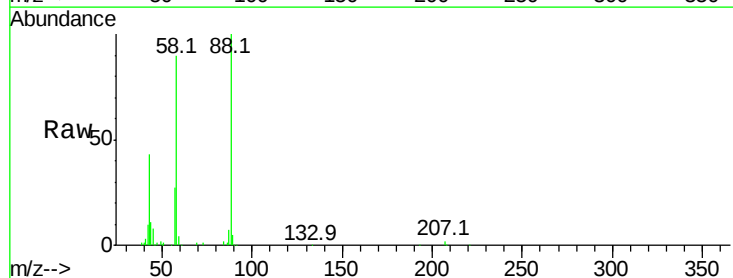
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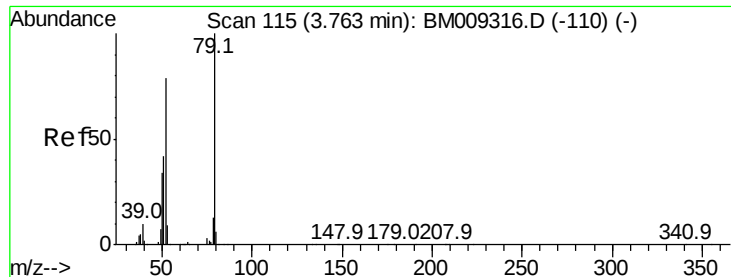


#2

1,4-Dioxane
Concen: 35.51 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	0.0	0.0#
43	43.5	0.0	0.0#





#3

Pvridine

Concen: 37.42 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

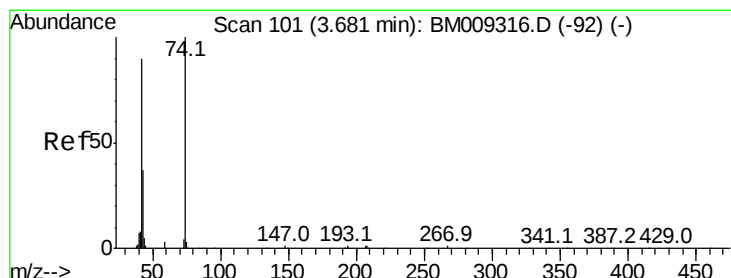
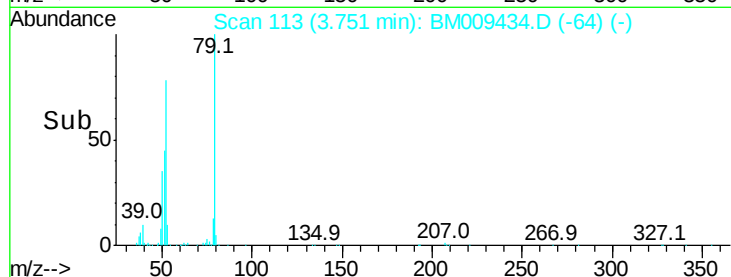
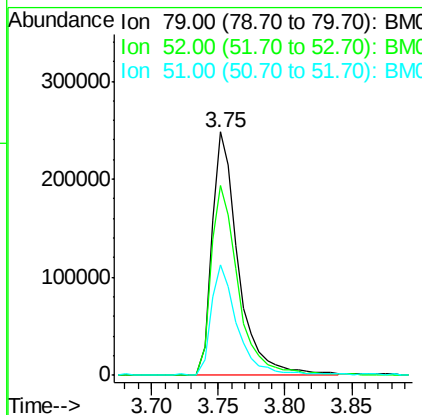
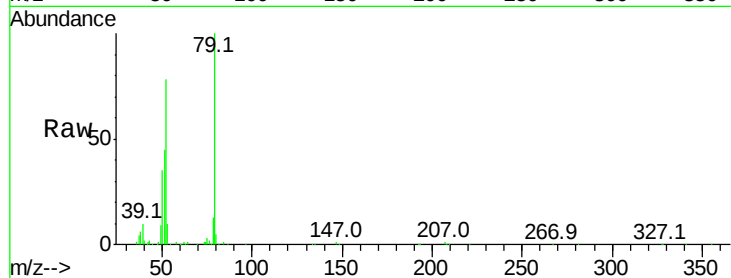
ClientSampleId :

PB97904BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	78.2	51.1	76.7#		
51	45.1	26.1	39.1#		

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#4

n-Nitrosodimethylamine

Concen: 45.44 ng

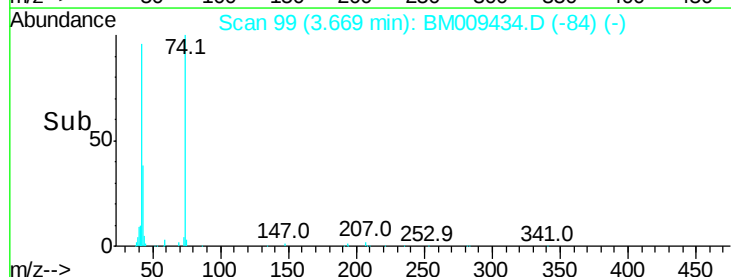
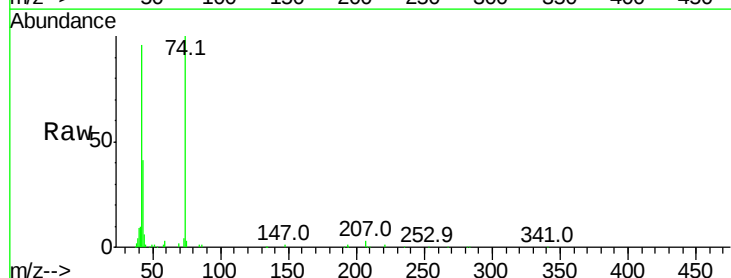
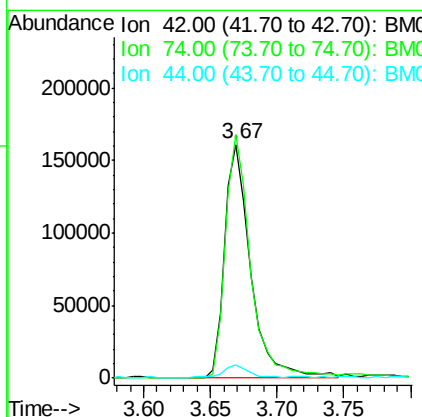
RT: 3.67 min Scan# 99

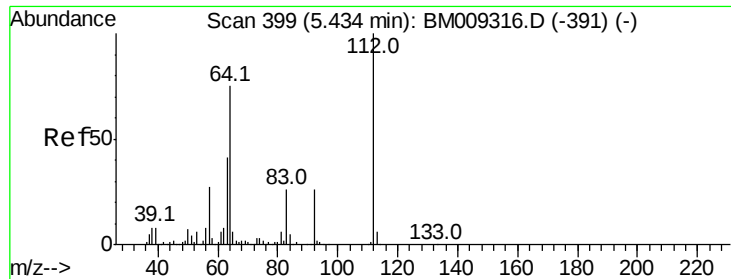
Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	104.3	119.3	178.9#		
44	5.9	5.4	8.2		





#5

2-Fluorophenol

Concen: 139.46 ng

RT: 5.43 min Scan# 398

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

Tot Ion: 112 Resp: 905640

Ion Ratio Lower Upper

112 100

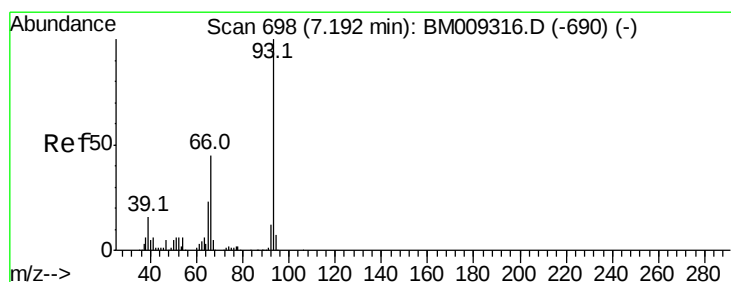
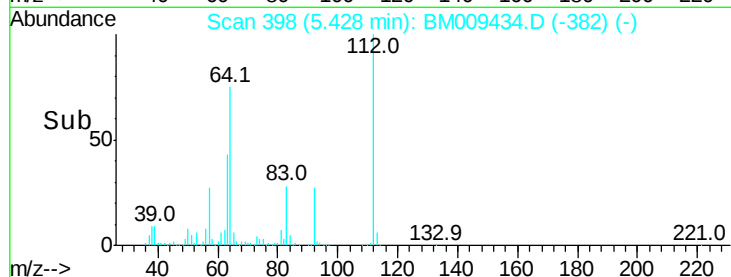
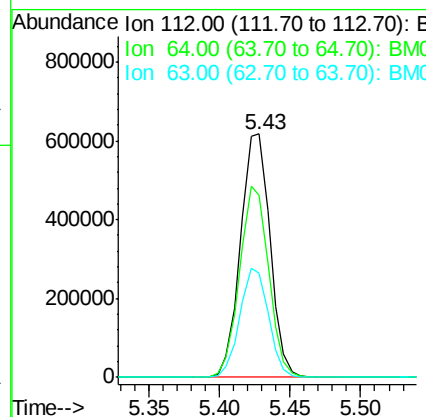
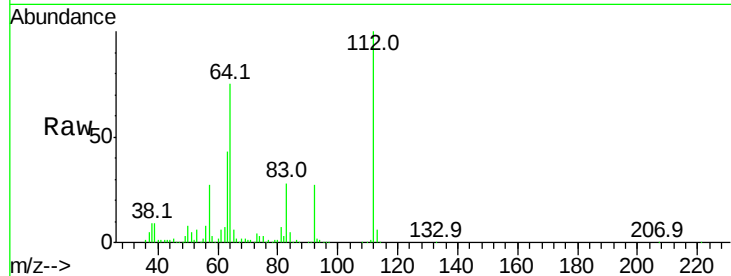
64 74.7 38.6 57.8#

63 42.5 19.3 28.9#

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#6

Aniline

Concen: 24.70 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

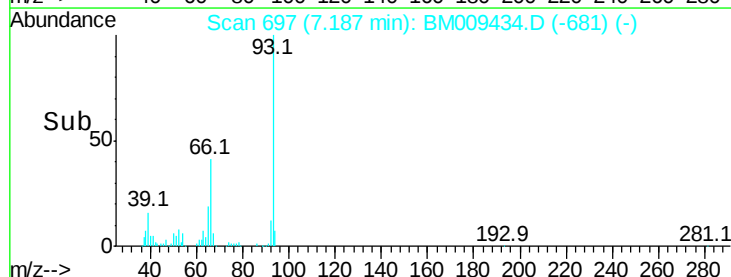
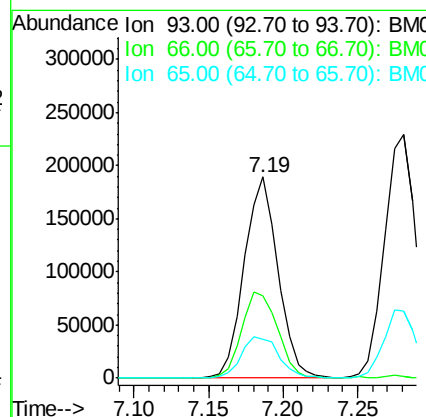
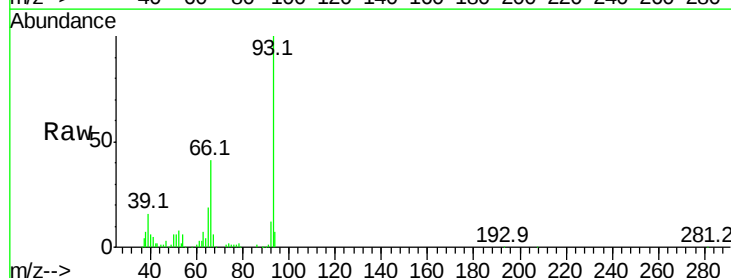
Tgt Ion: 93 Resp: 297240

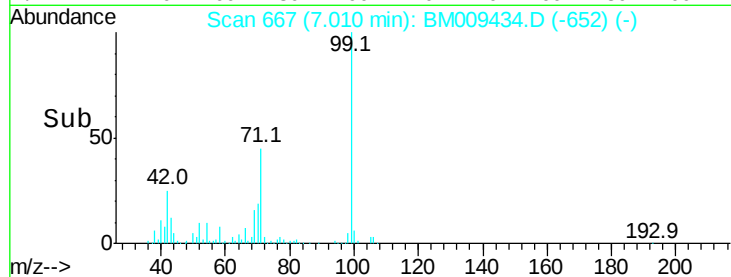
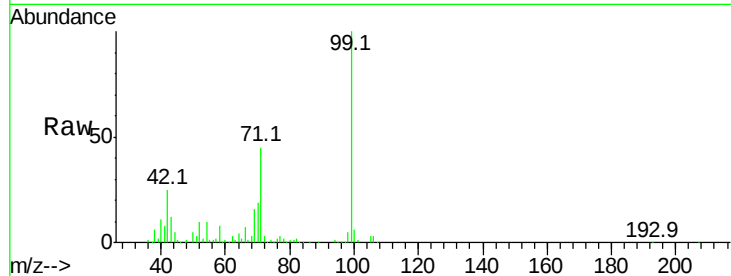
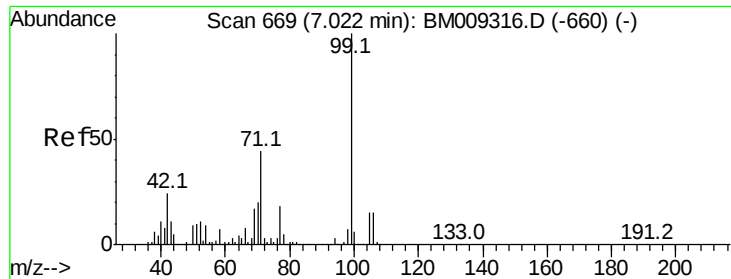
Ion Ratio Lower Upper

93 100

66 40.9 30.8 46.2

65 19.5 16.0 24.0





#7

Phenol-d6

Concen: 140.04 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Tot Ion	Ratio	Lower	Upper
99	100		
42	25.3	11.0	16.4#
71	45.2	23.4	35.2#

Instrument :

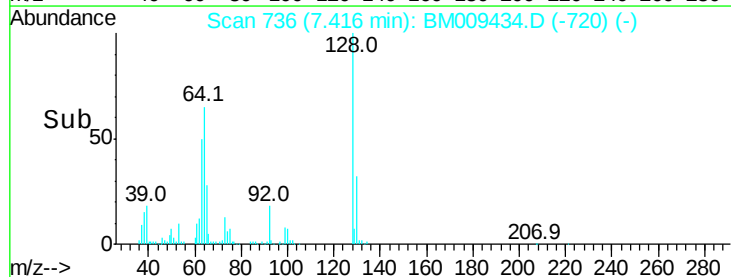
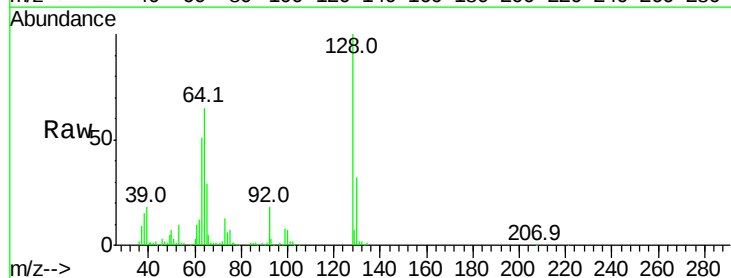
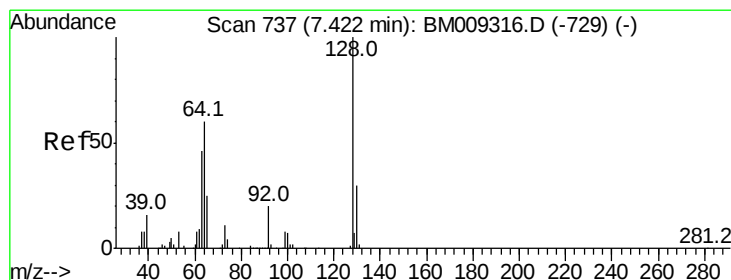
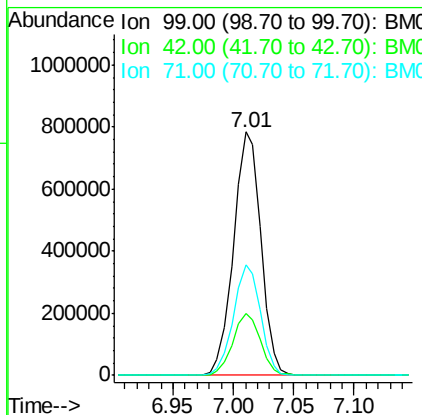
BNA_M

ClientSampled :

PB97904BS

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#8

2-Chlorophenol

Concen: 47.36 ng

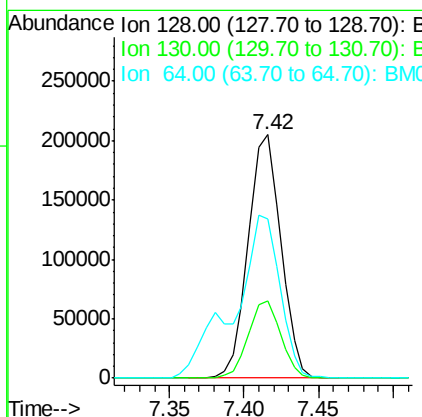
RT: 7.42 min Scan# 736

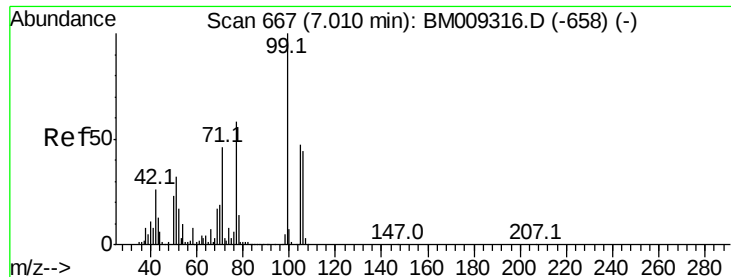
Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.0	52.0
64	65.5	24.9	64.9#





#9

Benzaldehyde

Concen: 11.62 ng

RT: 7.00 min Scan# 665

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

Tot Ion: 77 Resp: 80975

Ion Ratio Lower Upper

77 100

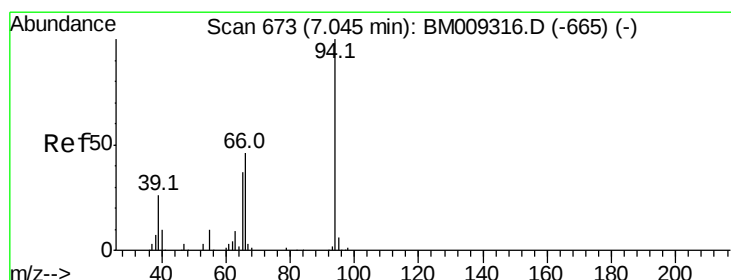
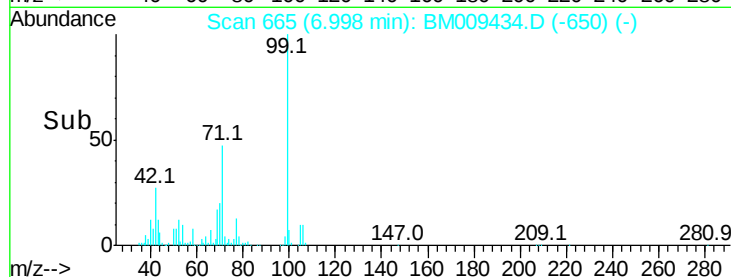
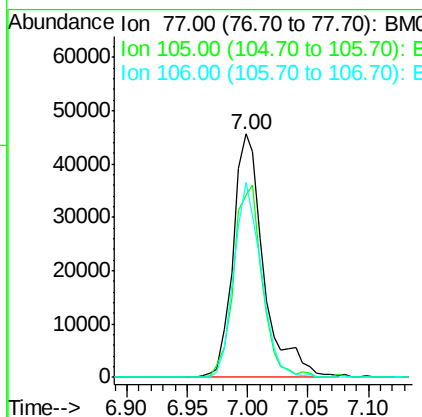
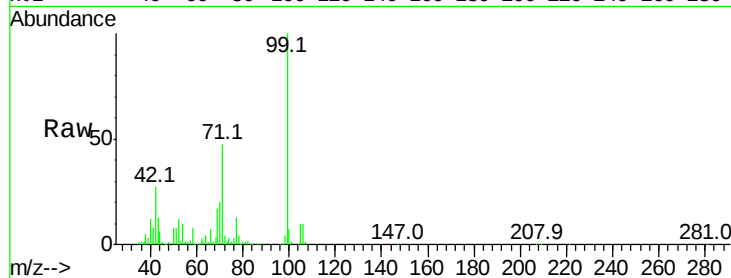
105 74.7 78.8 118.8#

106 80.1 73.7 113.7

Manual Integrations
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#10

Phenol

Concen: 46.84 ng

RT: 7.04 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

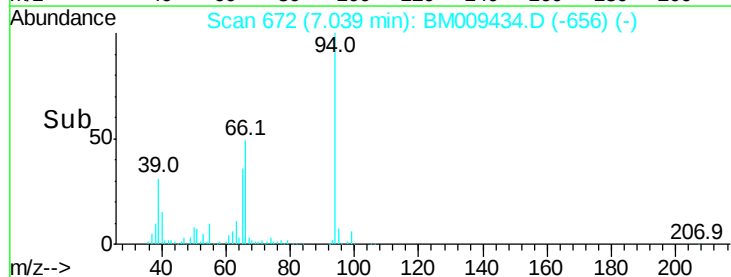
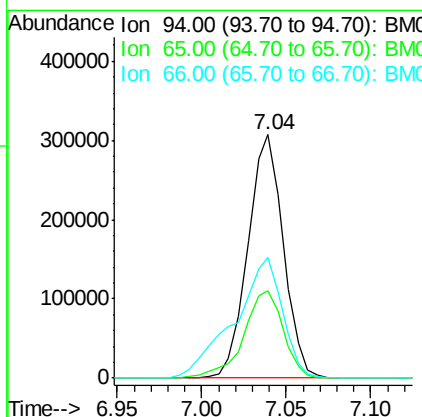
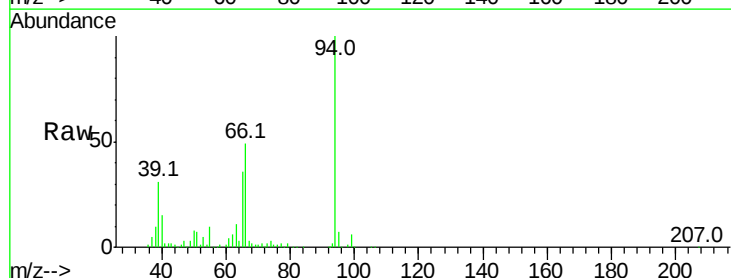
Tgt Ion: 94 Resp: 449450

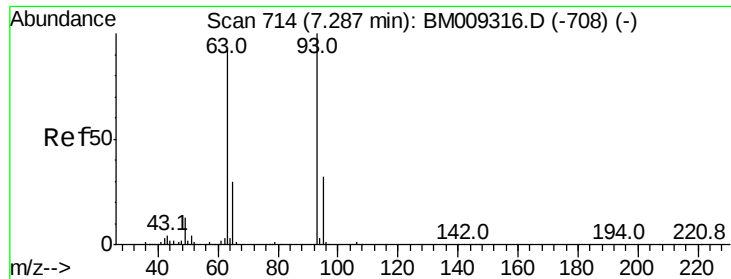
Ion Ratio Lower Upper

94 100

65 35.7 18.8 58.8

66 49.4 39.9 79.9





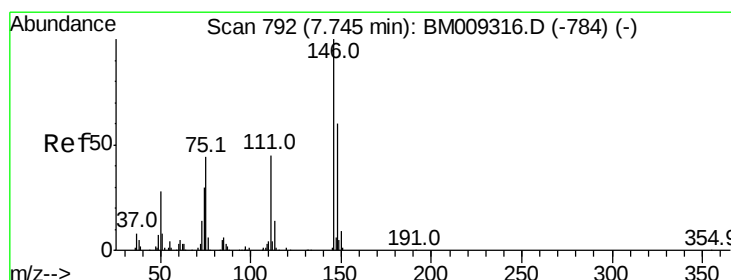
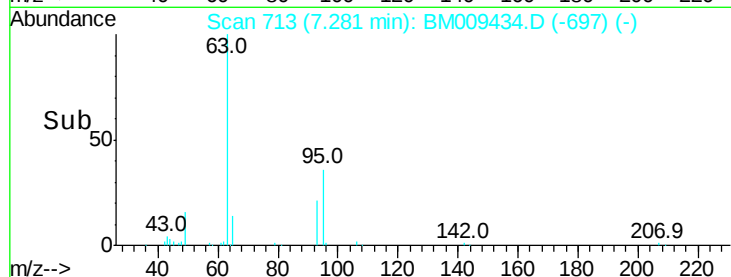
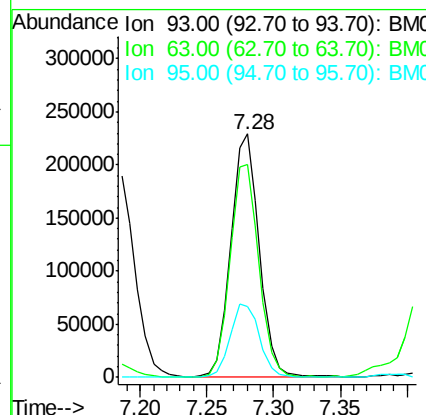
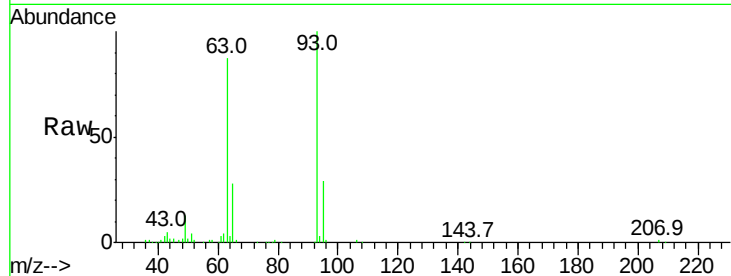
#11
bis(2-Chloroethyl)ether
Concen: 43.20 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	93	Resp	339732
Ion Ratio	100	Lower	Upper
93	100		
63	87.2	49.5	89.5
95	29.1	13.5	53.5

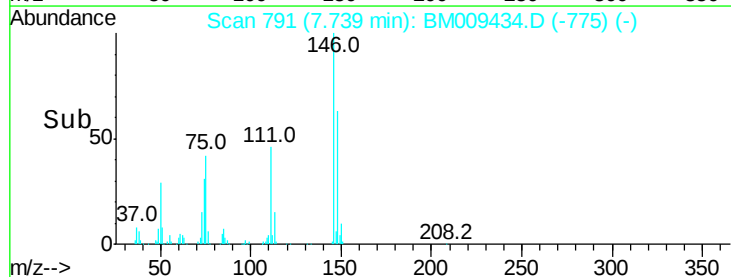
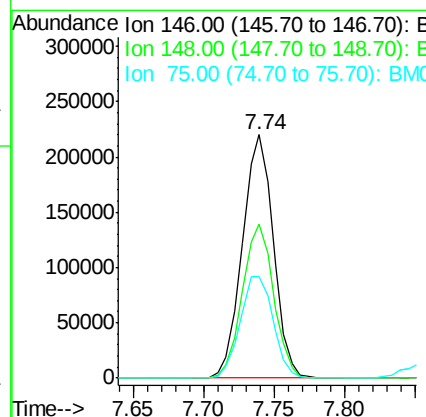
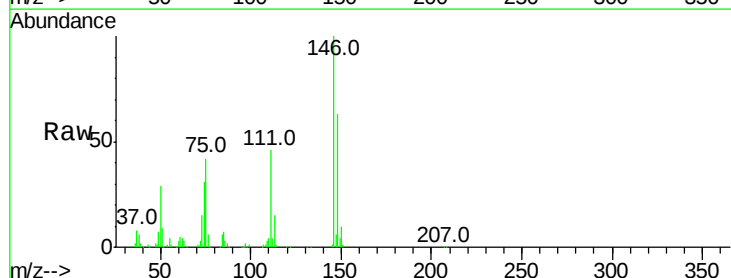
Manual Integrations
APPROVED

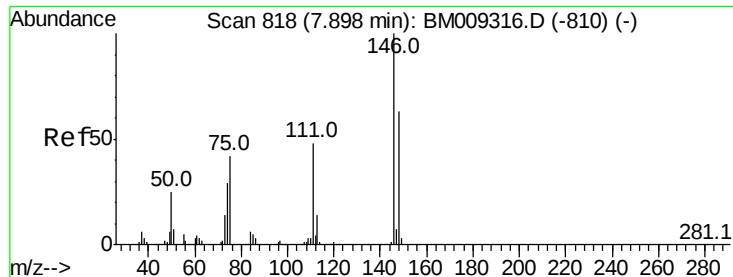
mohammad
3/31/2017 8:21:40 AM



#12
1,3-Dichlorobenzene
Concen: 42.93 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	146	Resp	338387
Ion Ratio	100	Lower	Upper
146	100		
148	63.4	50.9	76.3
75	41.5	21.4	32.2





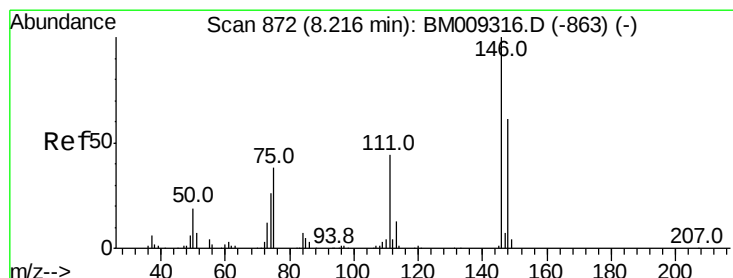
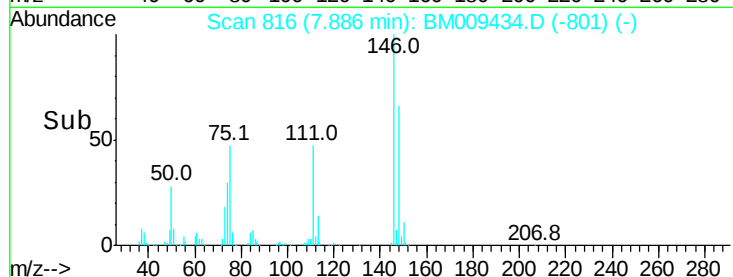
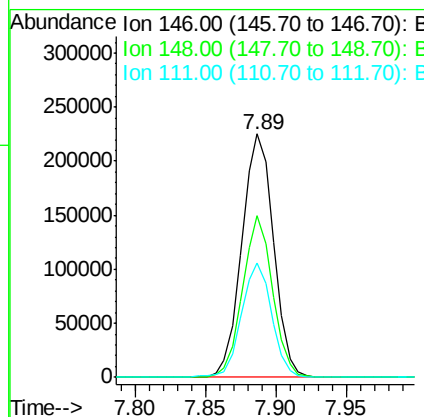
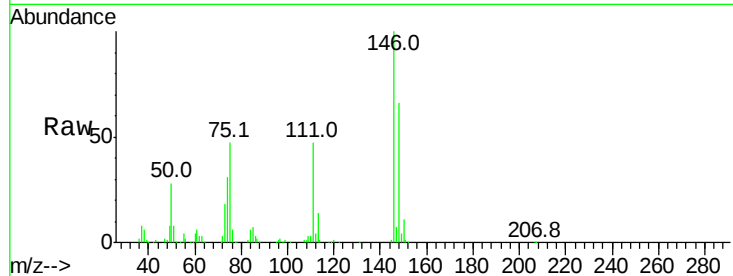
#13
1,4-Dichlorobenzene
Concen: 43.49 ng
RT: 7.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.9	77.9
111	46.9	29.2	43.8

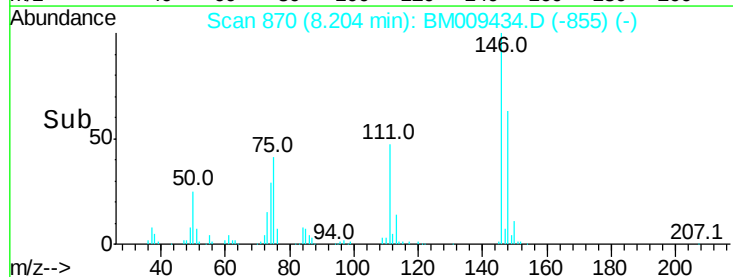
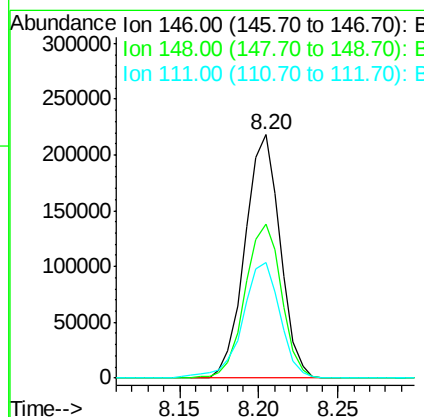
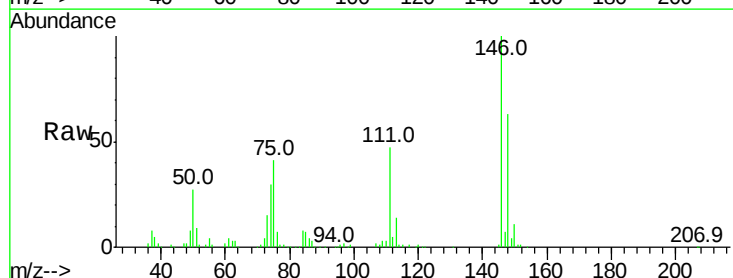
Manual Integrations
APPROVED

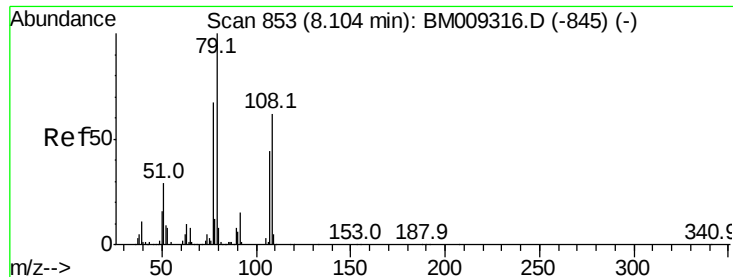
mohammad
3/31/2017 8:21:40 AM



#14
1,2-Dichlorobenzene
Concen: 42.33 ng
RT: 8.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.3	78.5
111	47.3	30.6	45.8





#15

Benzyl Alcohol

Concen: 45.77 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

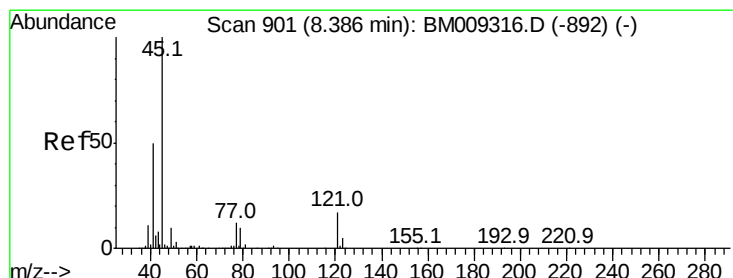
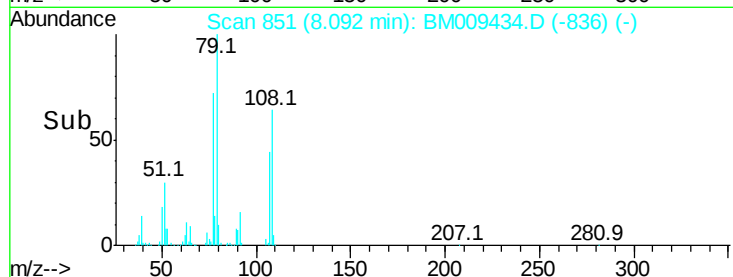
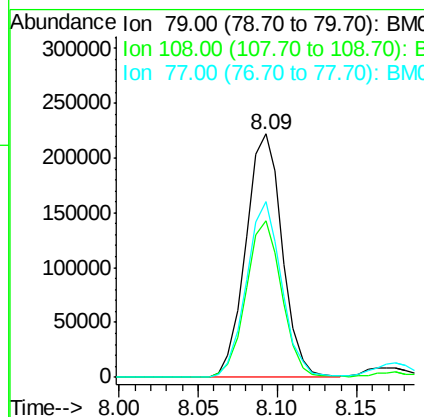
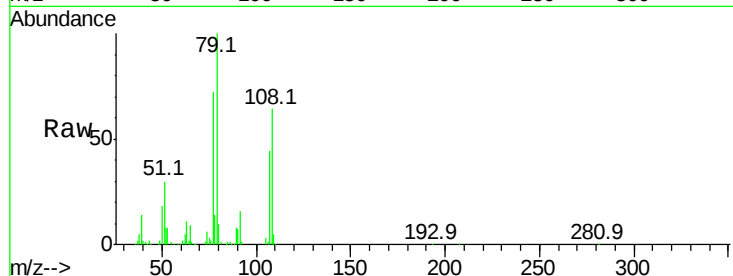
ClientSampleId :

PB97904BS

Tot Ion:	79	Resp:	354379
Ion Ratio	Lower	Upper	
79	100		
108	64.3	65.0	97.4#
77	72.1	53.0	79.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.95 ng

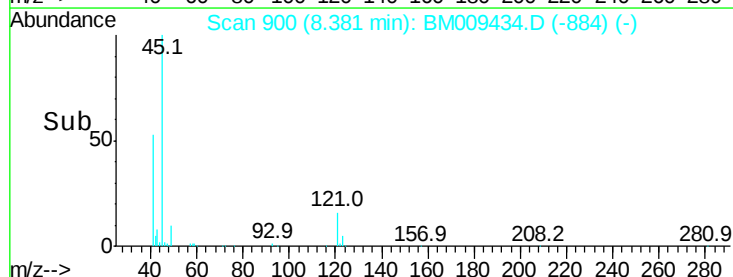
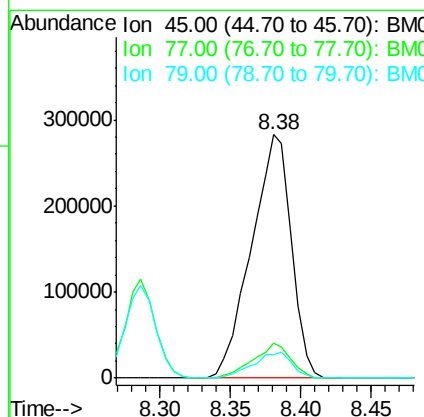
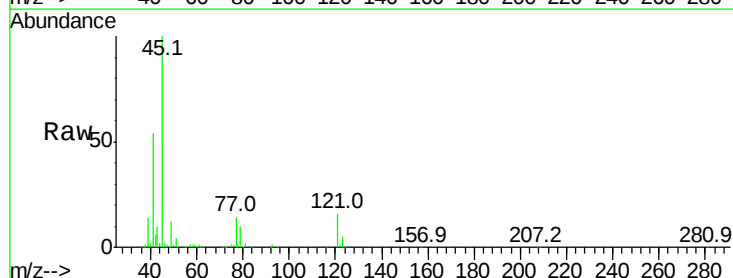
RT: 8.38 min Scan# 900

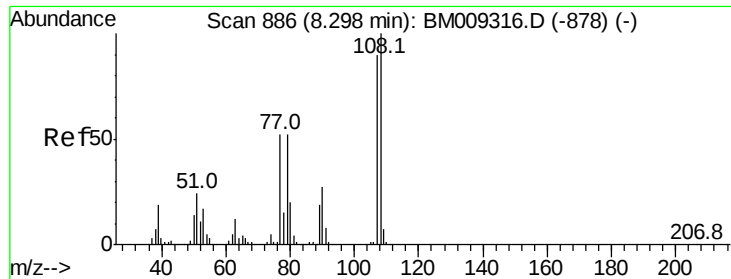
Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Tgt Ion:	45	Resp:	559754
Ion Ratio	Lower	Upper	
45	100		
77	14.3	0.0	35.2
79	9.5	0.0	32.0





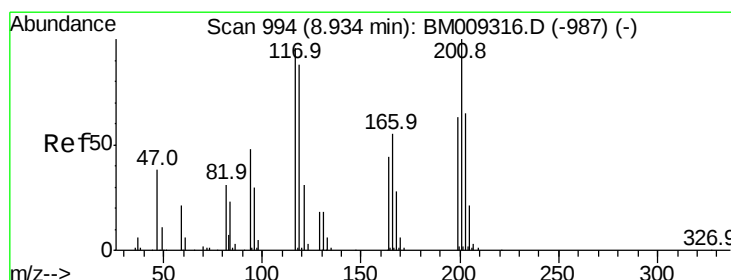
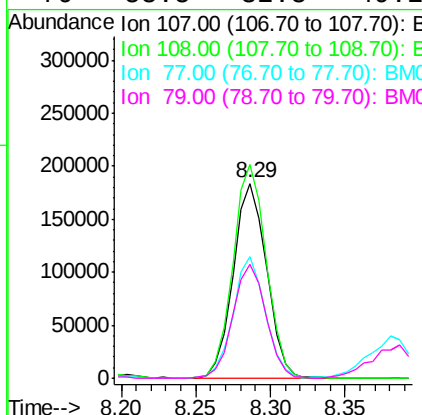
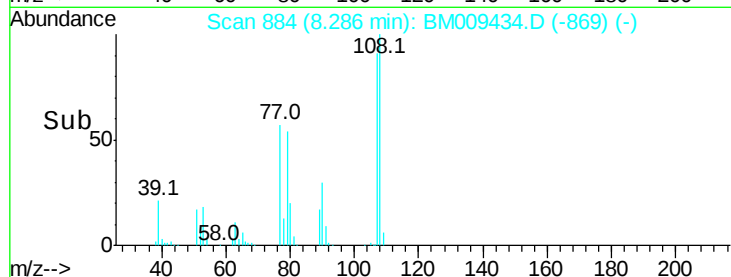
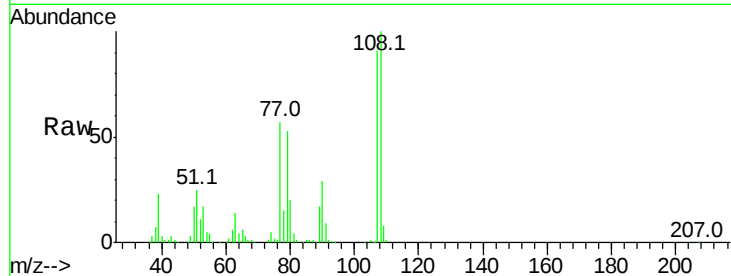
#17
2-Methylphenol
Concen: 45.57 ng
RT: 8.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	286124		
108	109.7	89.8	134.8	
77	62.6	32.6	48.8#	
79	58.5	32.8	49.2#	

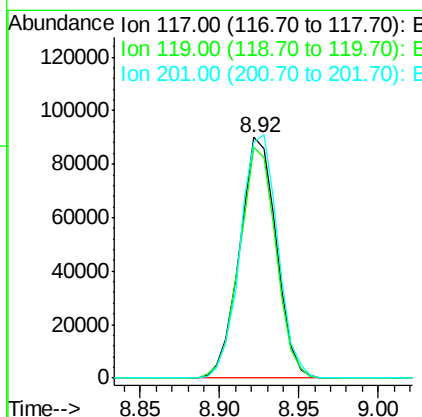
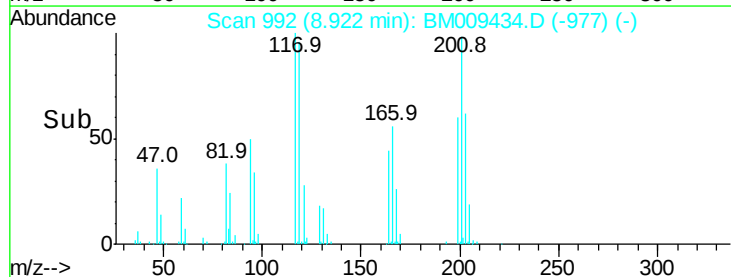
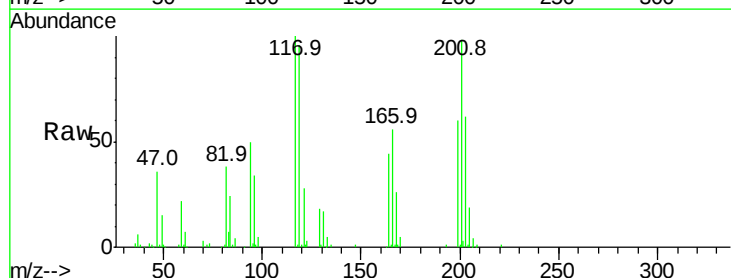
Manual Integrations
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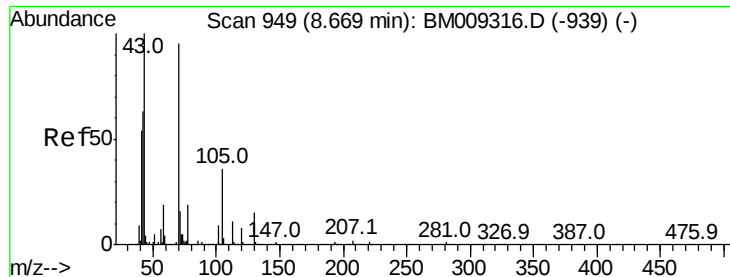
mohammad
3/31/2017 8:21:40 AM



#18
Hexachloroethane
Concen: 43.38 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	144542		
119	95.8	79.2	118.8	
201	97.9	69.8	104.6	





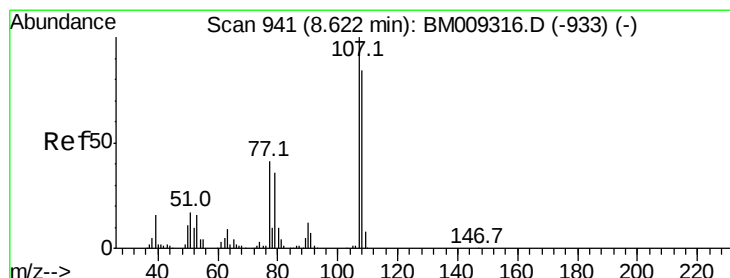
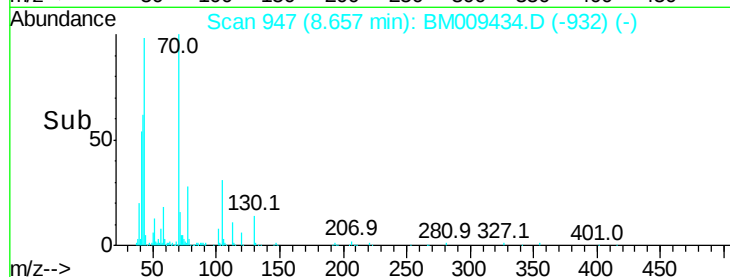
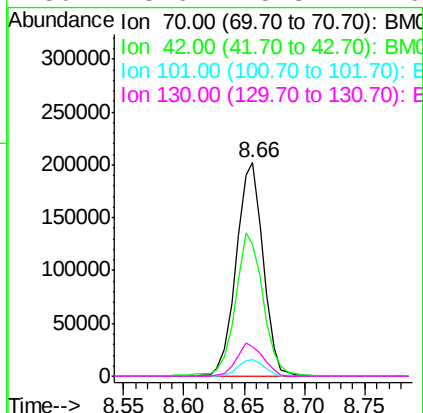
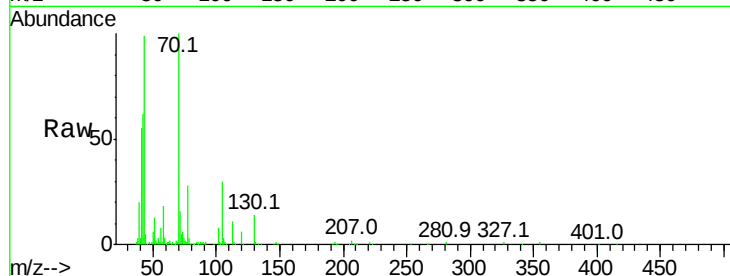
#19
n-Nitroso-di-n-propylamine
Concen: 43.94 ng
RT: 8.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.0	44.5	66.7
101	8.1	7.4	11.2
130	13.6	15.3	22.9#

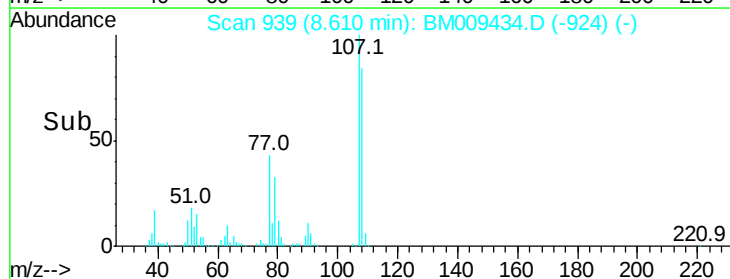
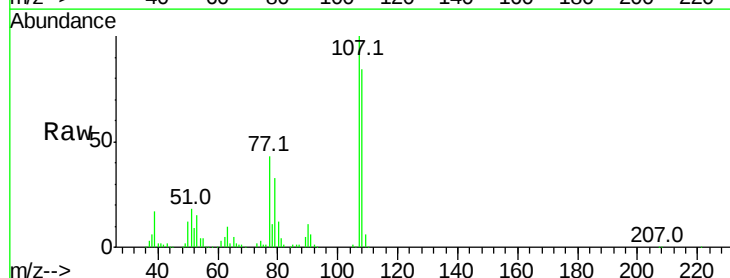
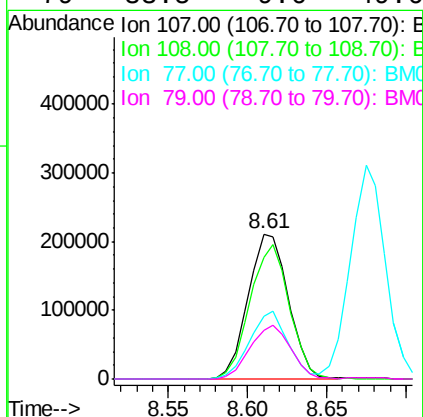
Manual Integrations
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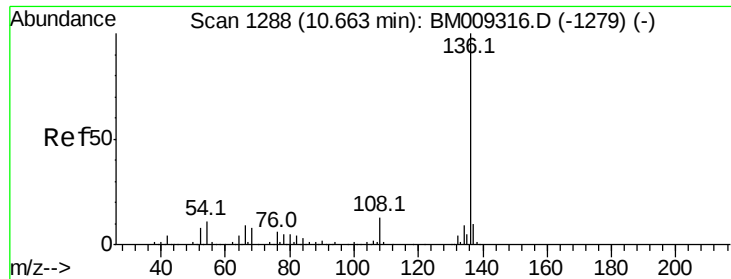
mohammad
3/31/2017 8:21:40 AM



#20
3+4-Methylphenols
Concen: 43.82 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.7	73.2	113.2
77	43.4	10.7	50.7
79	33.5	9.6	49.6





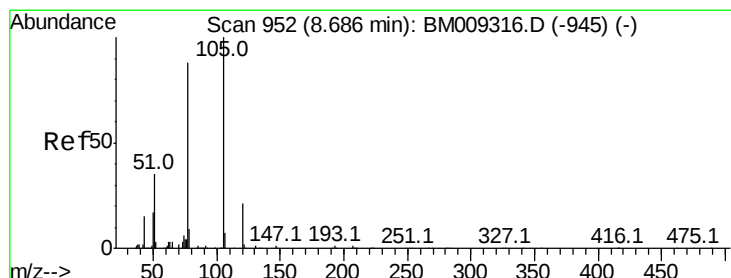
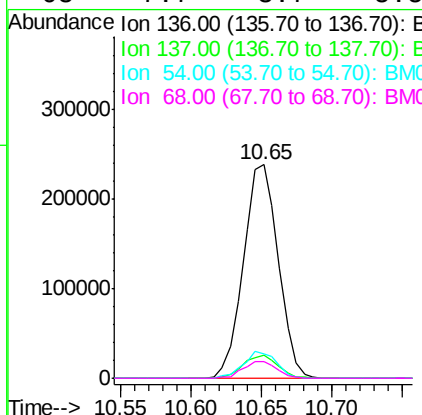
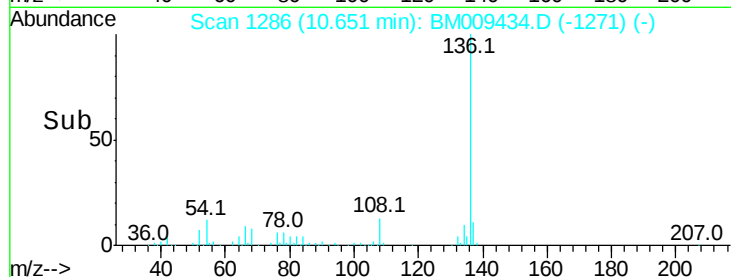
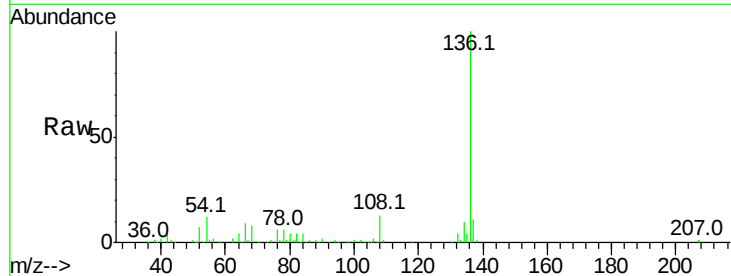
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	411988		
137	10.6		8.7	13.1
54	11.6		4.6	6.8#
68	7.7		3.7	5.5#

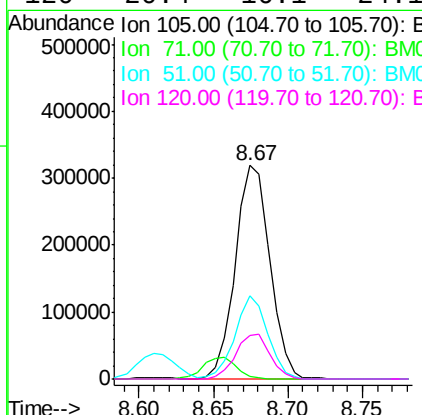
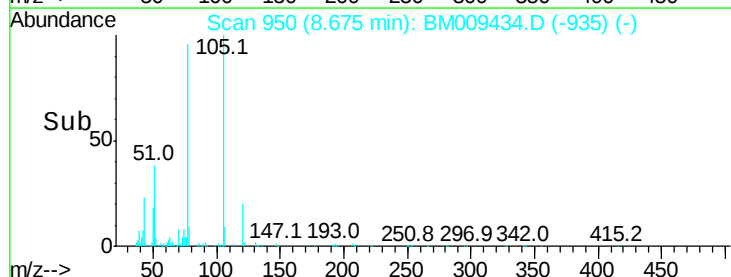
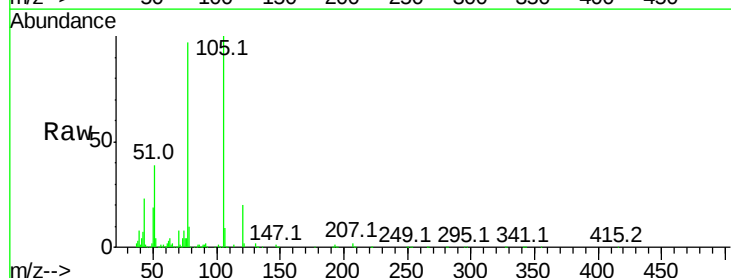
Manual Integrations
APPROVED

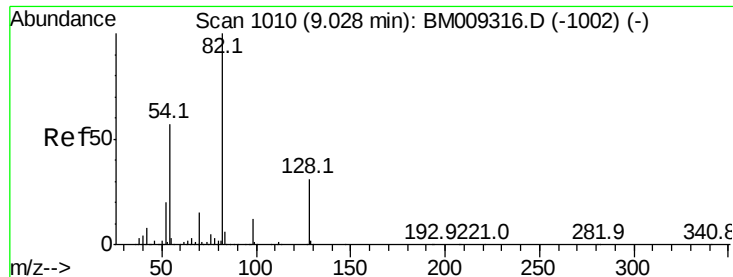
mohammad
3/31/2017 8:21:40 AM



#22
Acetophenone
Concen: 44.44 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	516357		
71	1.3		0.6	1.0#
51	39.2		21.6	32.4#
120	20.4		16.1	24.1





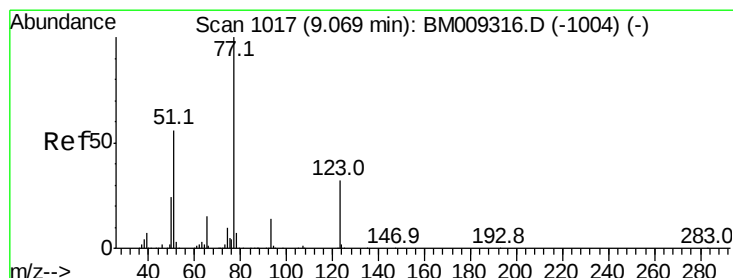
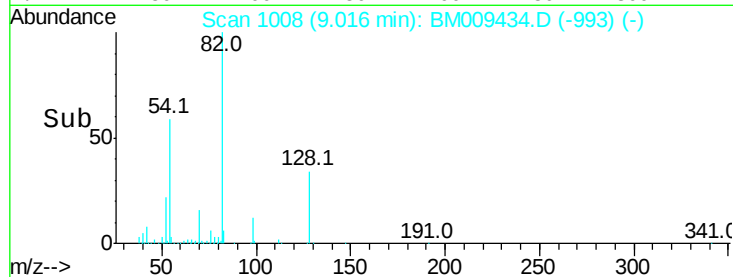
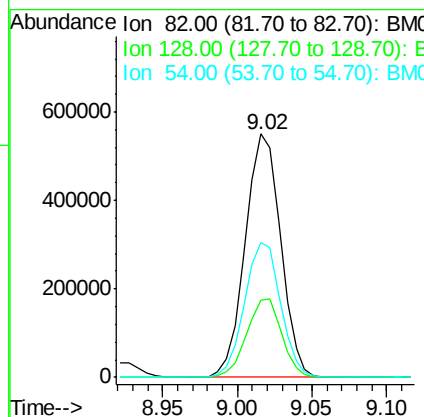
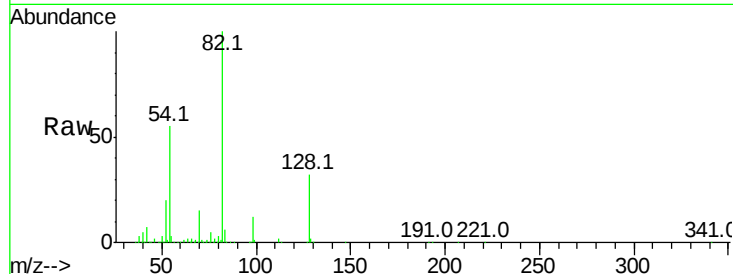
#23
Nitrobenzene-d5
Concen: 82.38 ng
RT: 9.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	31.8	32.8	49.2#
54	55.4	40.6	60.8

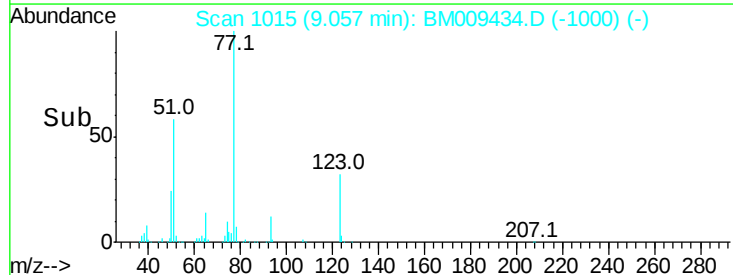
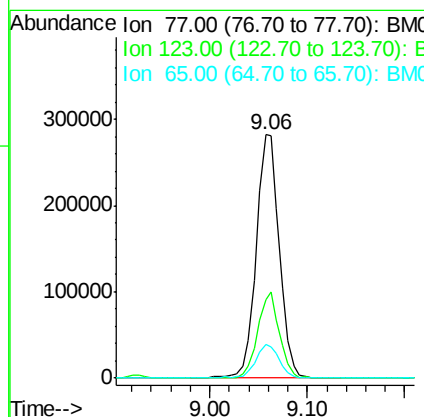
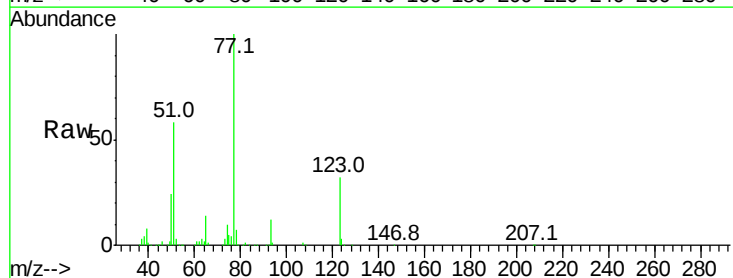
Manual Integrations
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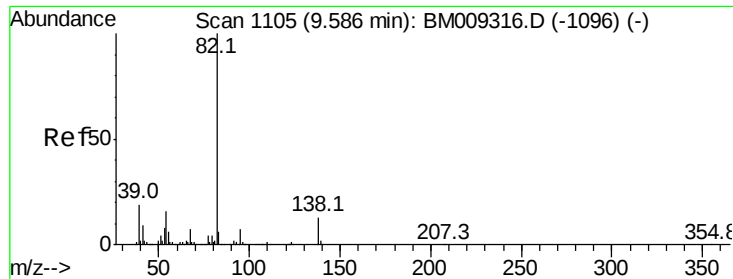
mohammad
3/31/2017 8:21:40 AM



#24
Nitrobenzene
Concen: 43.74 ng
RT: 9.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	32.1	32.6	49.0#
65	13.6	10.9	16.3





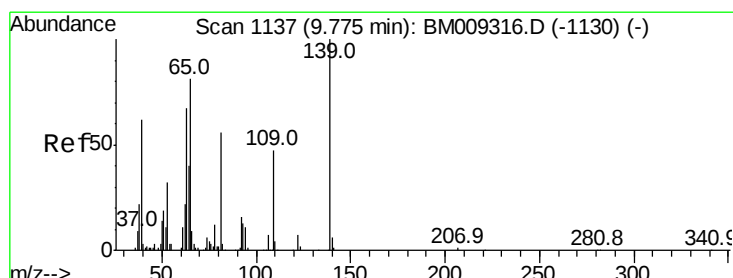
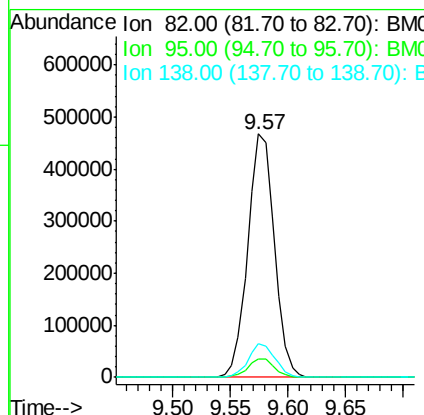
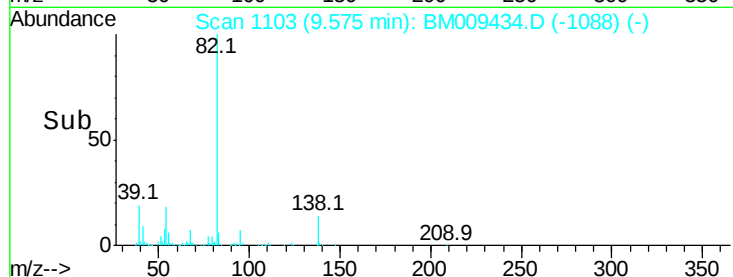
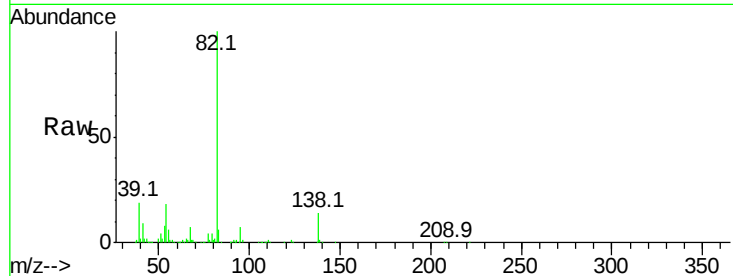
#25
Isophorone
Concen: 44.80 ng
RT: 9.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	751021		
95	7.3		5.8	8.6
138	14.0		16.3	24.5#

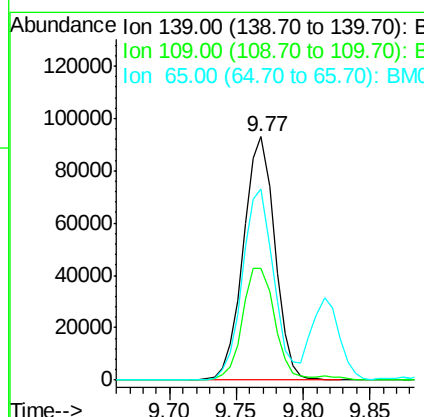
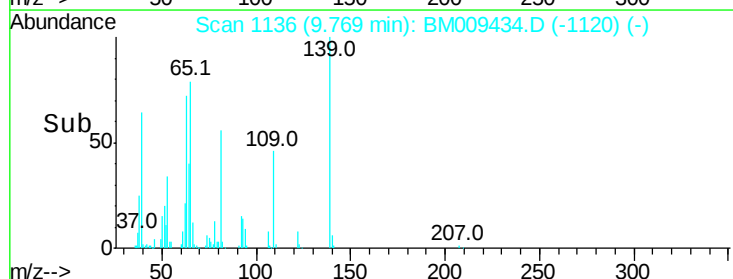
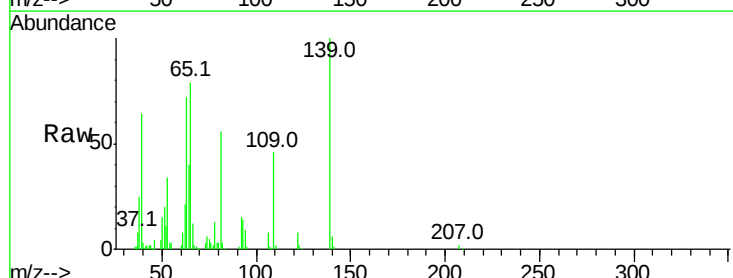
Manual Integrations
APPROVED

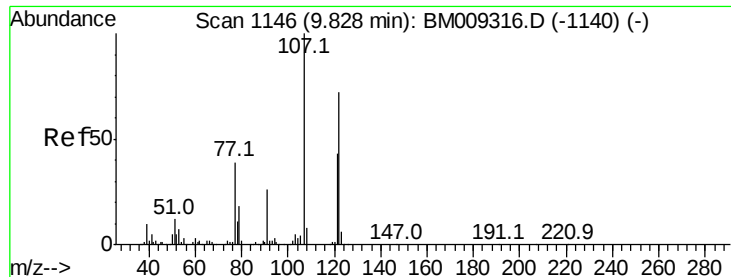
mohammad
3/31/2017 8:21:40 AM



#26
2-Nitrophenol
Concen: 46.63 ng
RT: 9.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	151412		
109	46.1		20.1	30.1#
65	78.5		31.5	47.3#





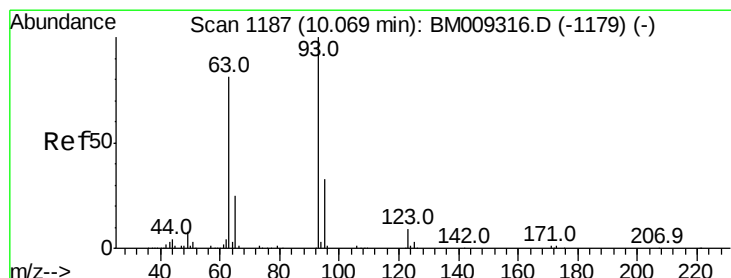
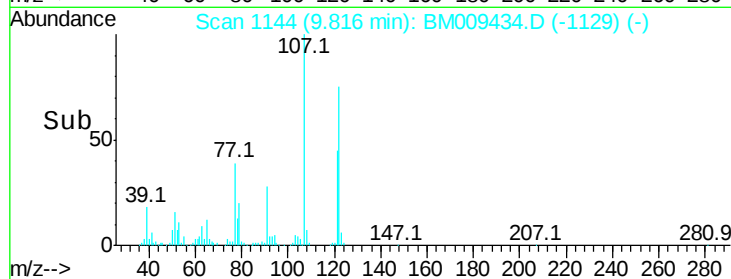
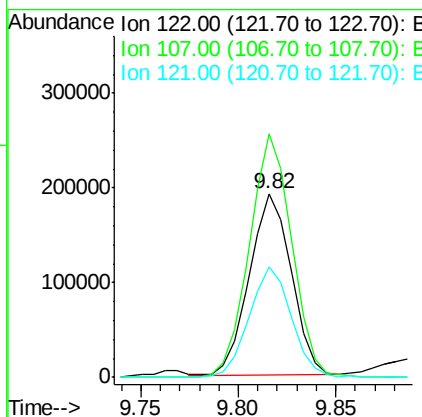
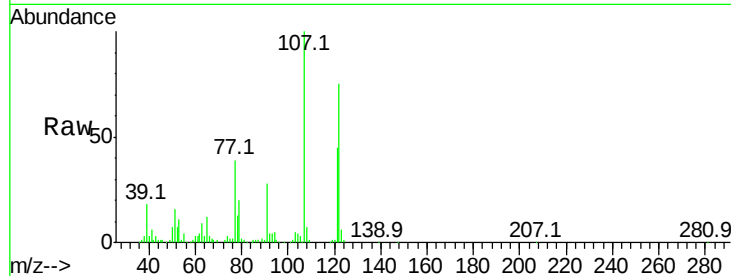
#27
2,4-Dimethylphenol
Concen: 48.18 ng
RT: 9.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	286169		
107	132.5	84.7	127.1#	
121	59.9	46.6	69.8	

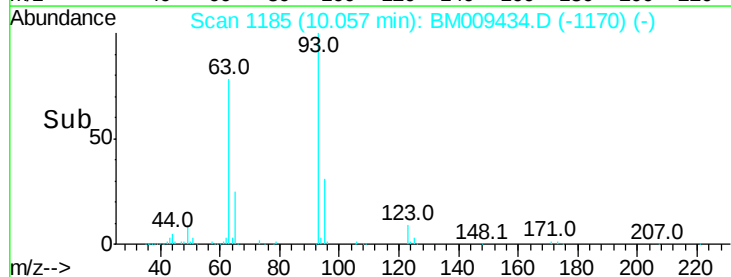
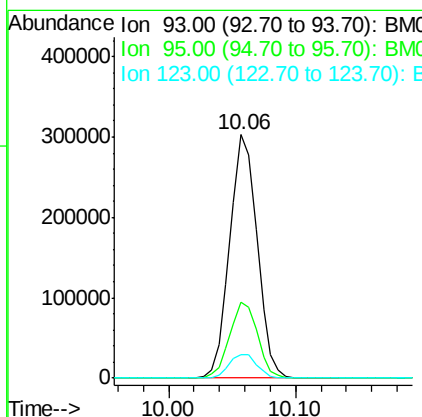
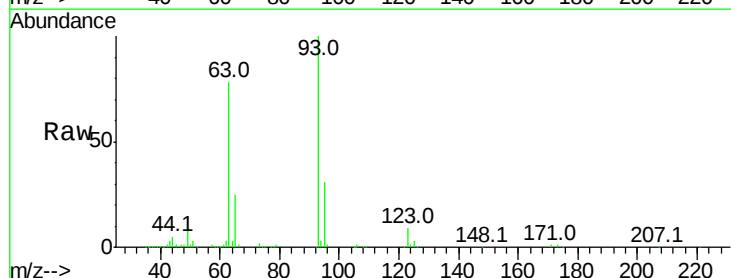
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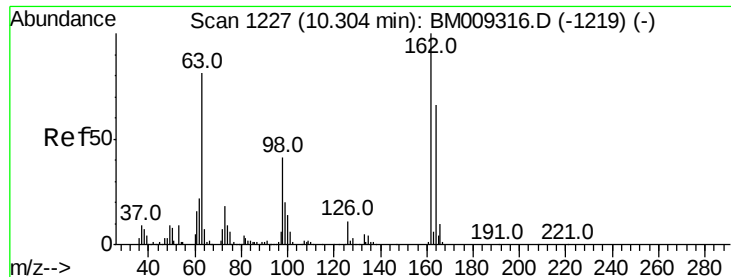
mohammad
3/31/2017 8:21:40 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.74 ng
RT: 10.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	454002		
95	31.2	25.5	38.3	
123	9.5	8.6	13.0	





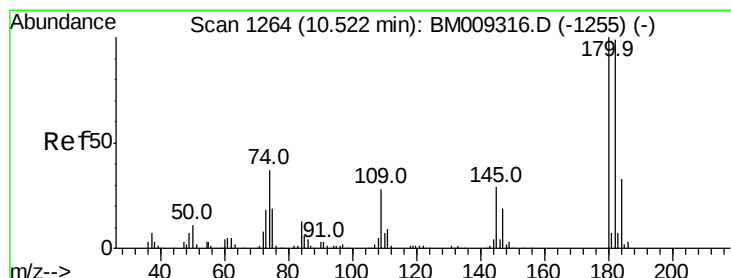
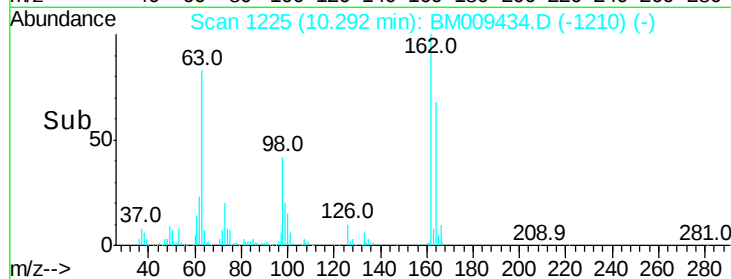
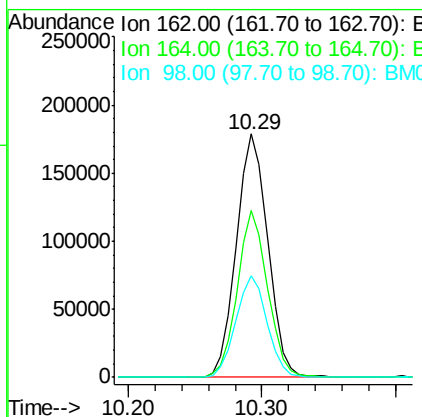
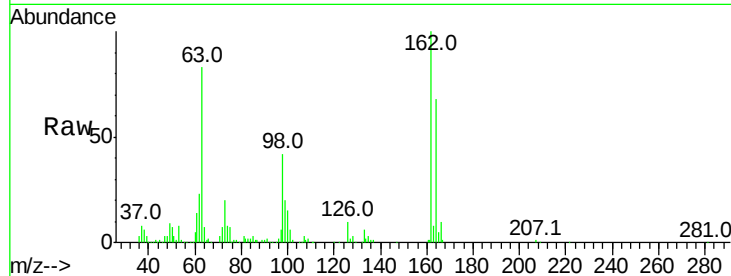
#29
 2,4-Dichlorophenol
 Concen: 47.08 ng
 RT: 10.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

Instrument :
 BNA_M
 ClientSampleId :
 PB97904BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		292331		
164	68.3	42.8	82.8		
98	41.7	14.5	54.5		

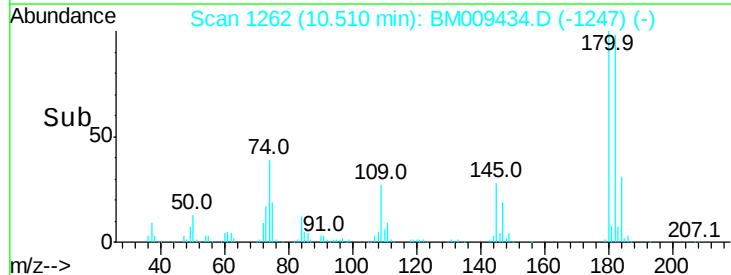
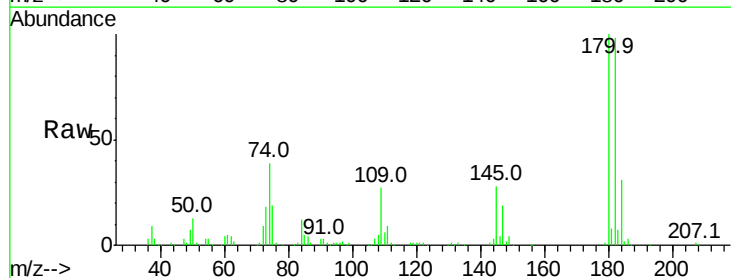
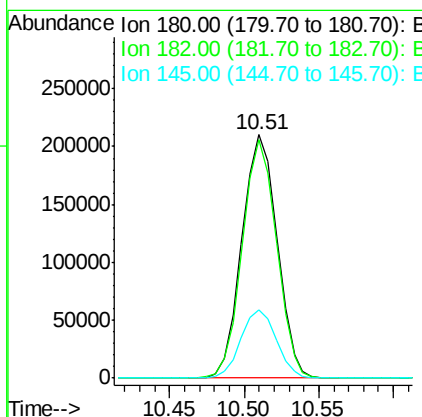
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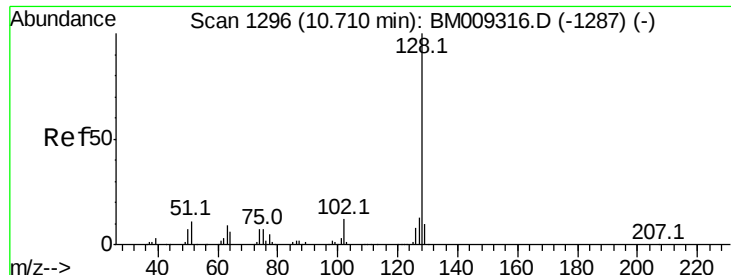
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.73 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		344594		
182	97.7	77.6	116.4		
145	28.0	23.4	35.2		





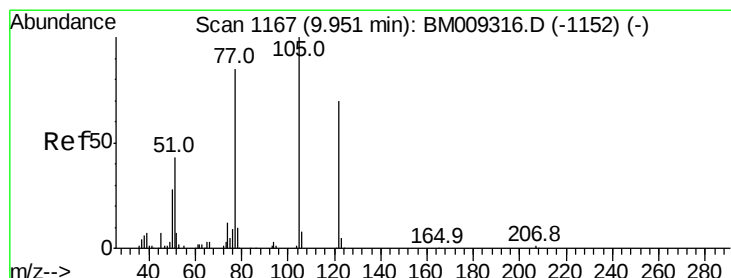
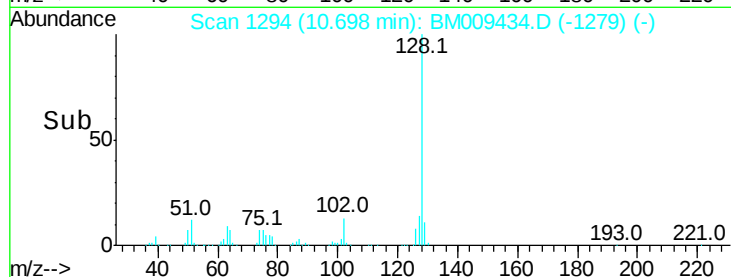
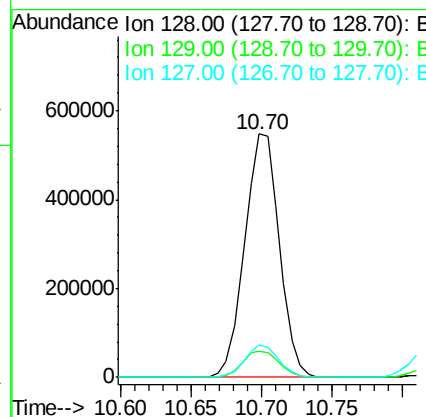
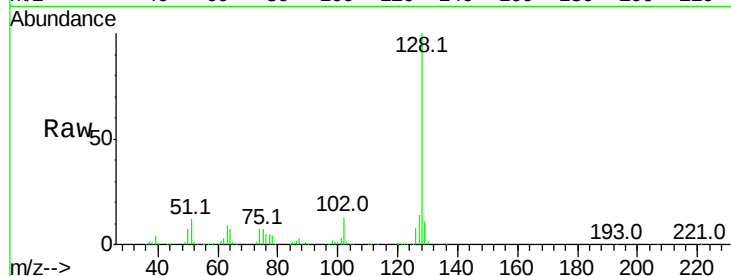
#31
Naphthalene
Concen: 43.13 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.7	8.9	13.3	
127	13.5	10.4	15.6	

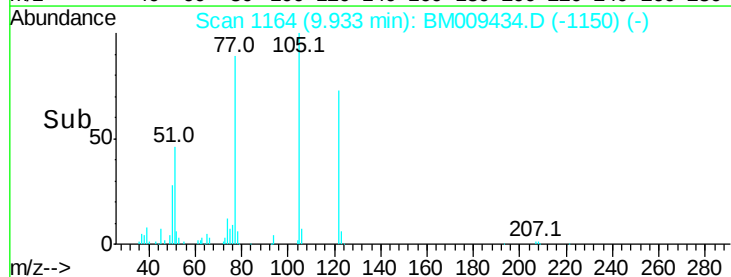
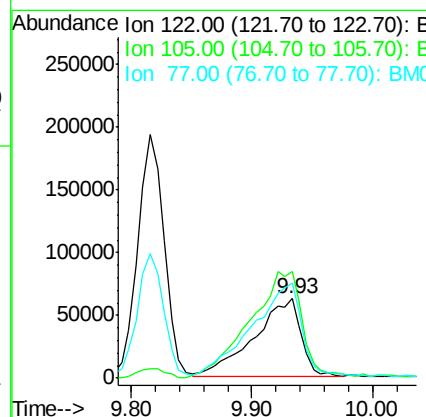
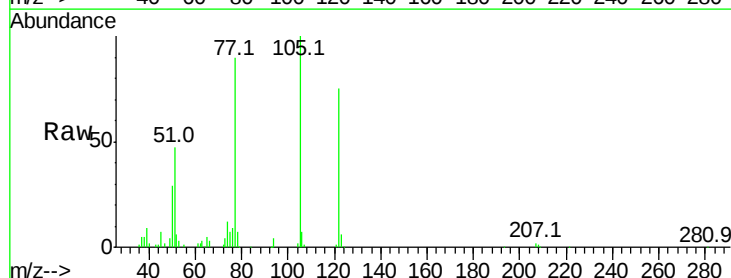
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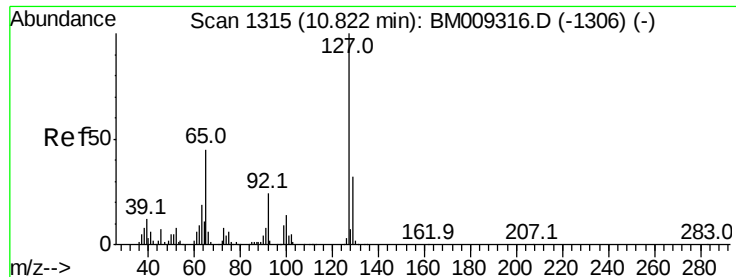
mohammad
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#32
Benzoic acid
Concen: 40.77 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	133.5	99.9	139.9	
77	120.3	73.7	113.7	





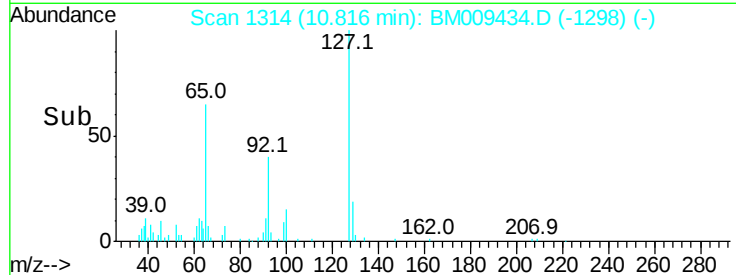
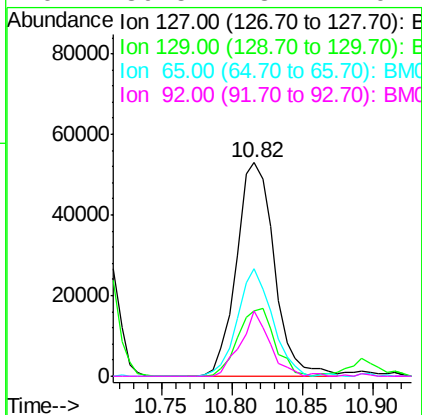
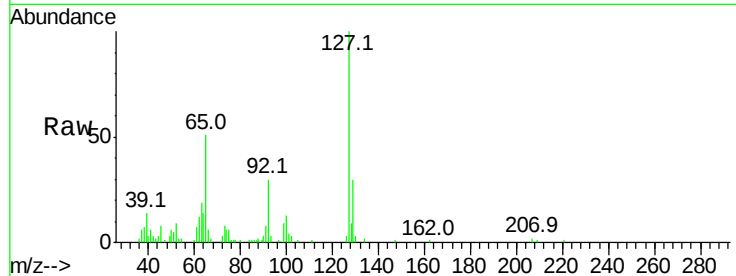
#33
4-Chloroaniline
Concen: 11.85 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.5	25.3	37.9	
65	50.6	17.6	26.4	
92	30.5	13.1	19.7	

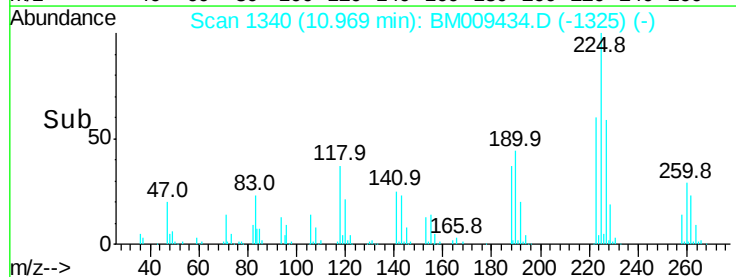
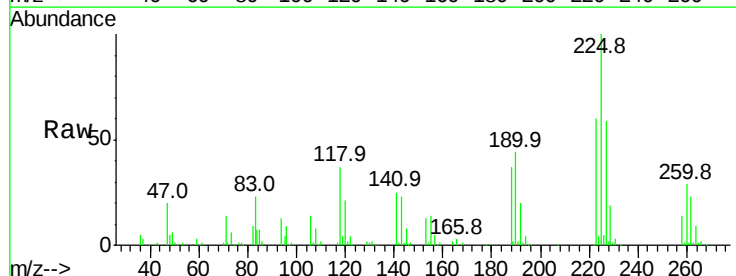
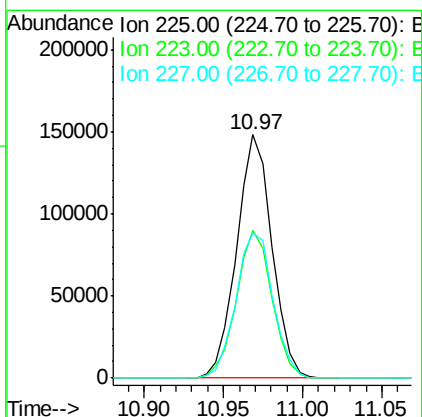
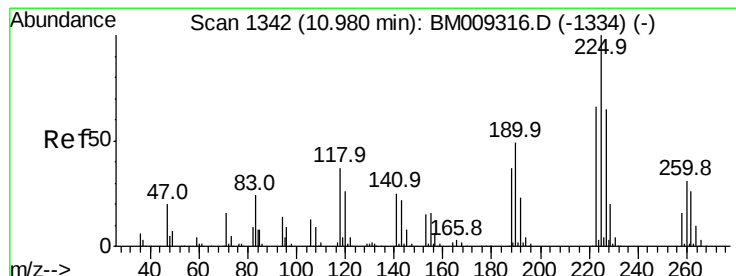
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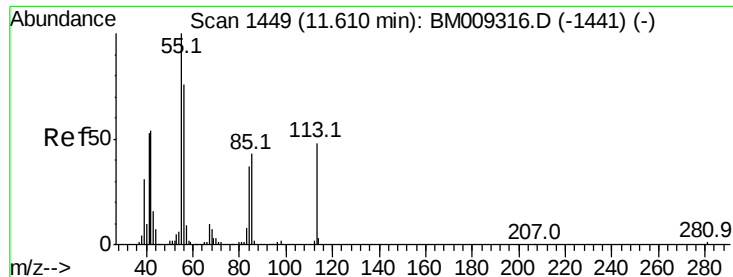
mohammad
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#34
Hexachlorobutadiene
Concen: 43.31 ng
RT: 10.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.5	47.9	71.9	
227	59.4	50.1	75.1	





#35

Caprolactam

Concen: 44.66 ng/ml

RT: 11.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

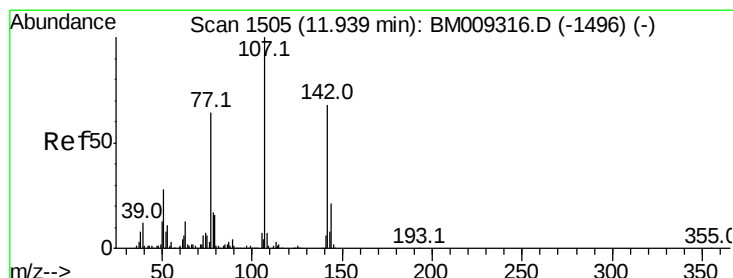
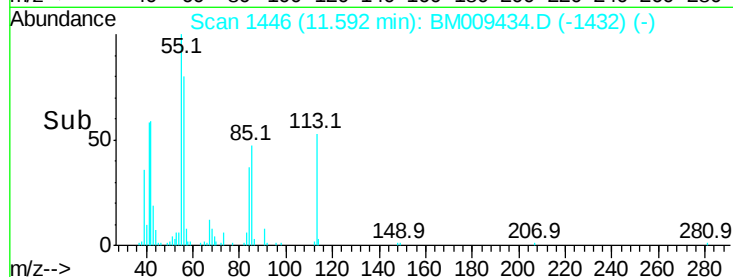
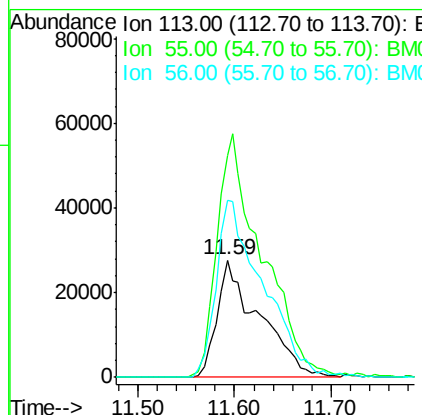
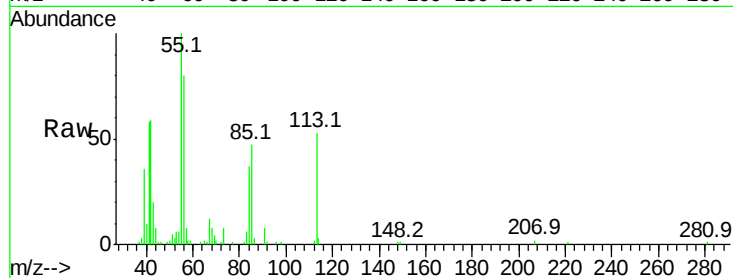
ClientSampleId :

PB97904BS

Tot Ion:	113	Resp:	84661
Ion Ratio	Lower	Upper	
113	100		
55	190.2	145.9	185.9#
56	151.3	101.0	141.0#

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#36

4-Chloro-3-methylphenol

Concen: 46.28 ng/ml

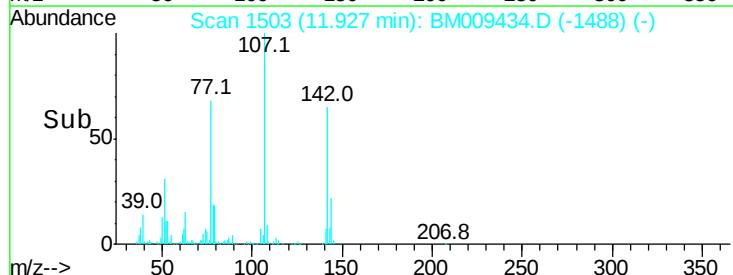
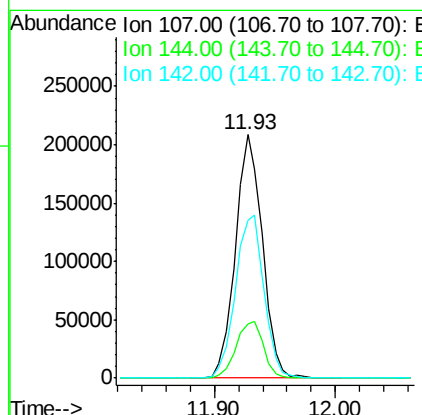
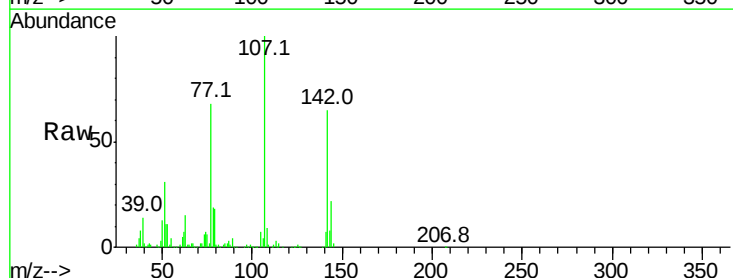
RT: 11.93 min Scan# 1503

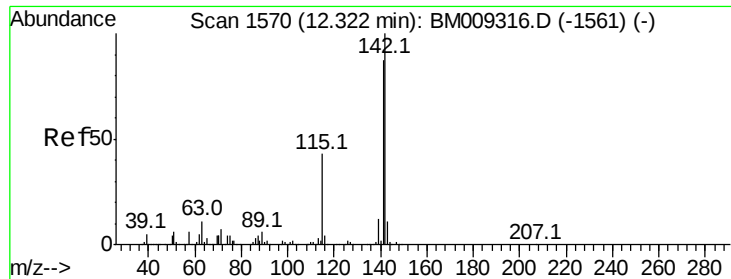
Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Tgt Ion:	107	Resp:	325089
Ion Ratio	Lower	Upper	
107	100		
144	22.3	23.3	34.9#
142	65.0	72.6	109.0#





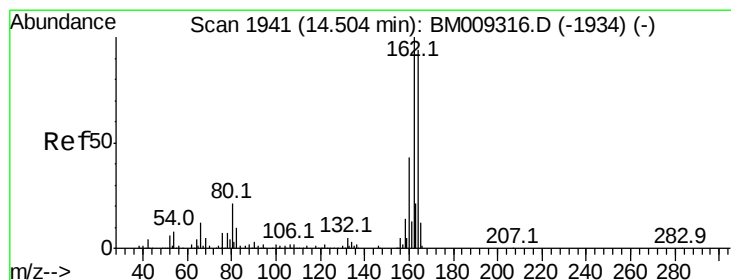
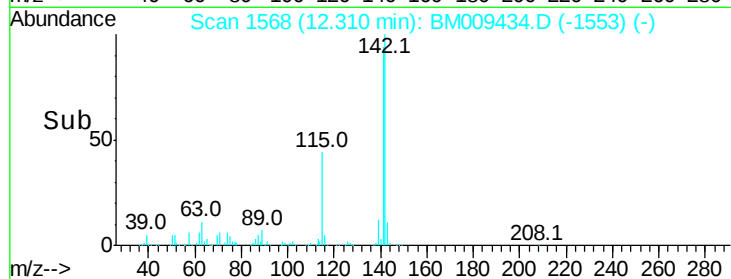
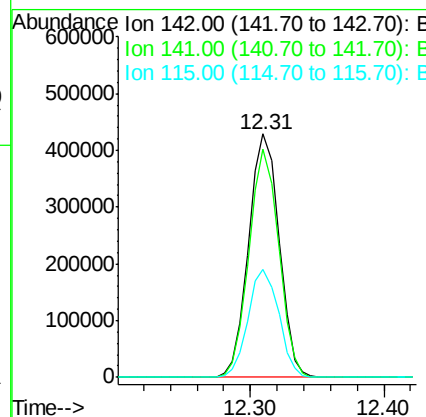
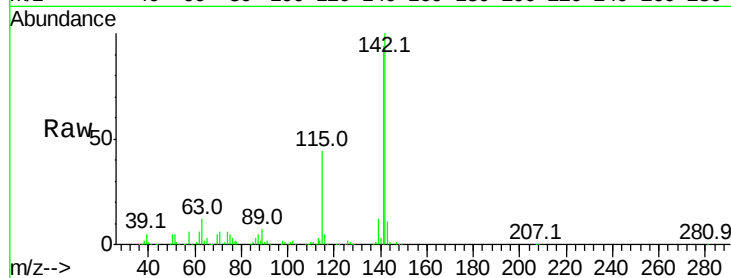
#37
2-Methylnaphthalene
Concen: 44.68 ng
RT: 12.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	674358		
141	93.6	71.9	107.9	
115	44.4	25.4	38.0	

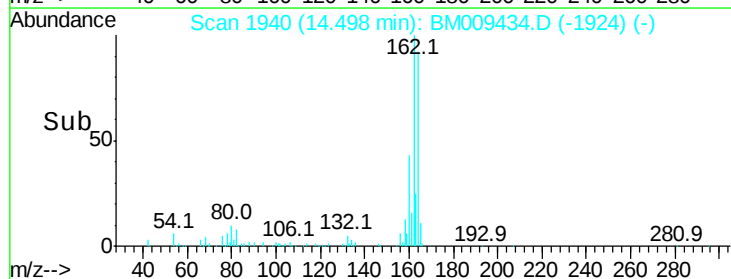
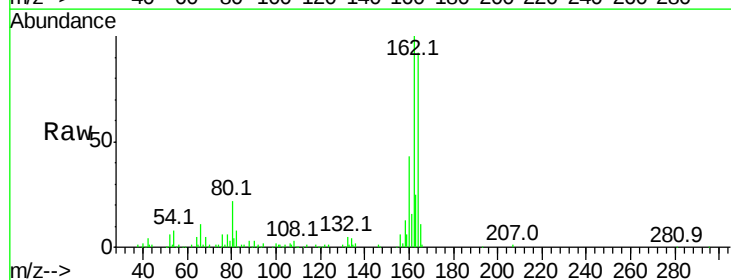
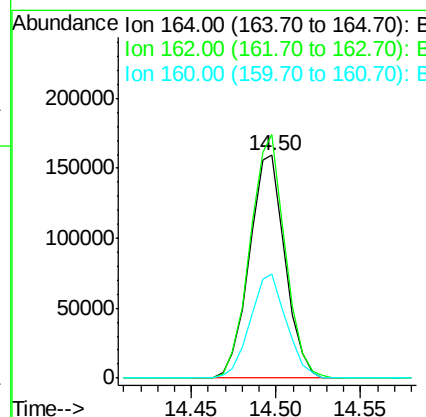
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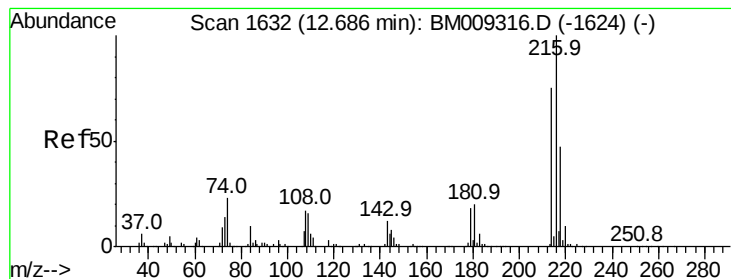
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	233555		
162	109.2	82.4	123.6	
160	46.9	35.8	53.6	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.28 ng

RT: 12.68 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

Tot Ion:216 Resp: 390412
Ion Ratio Lower Upper

216 100

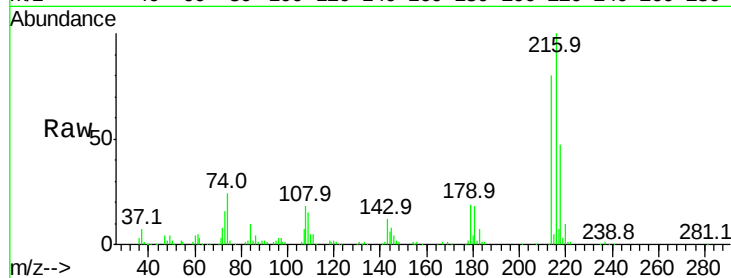
214 78.5 0.0 0.0#

179 20.1 0.0 0.0#

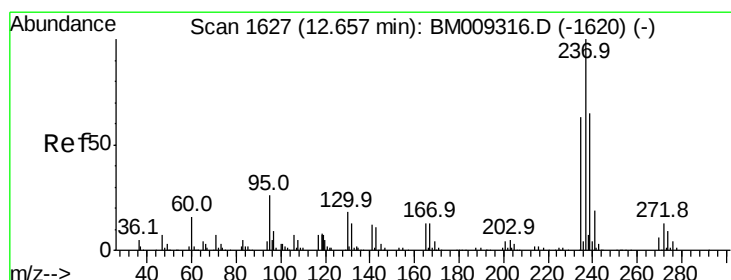
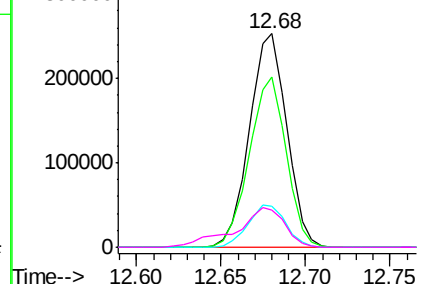
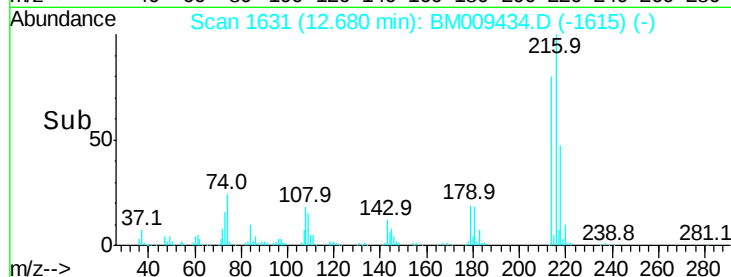
108 24.2 0.0 0.0#

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 102.35 ng

RT: 12.65 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BM009434.D

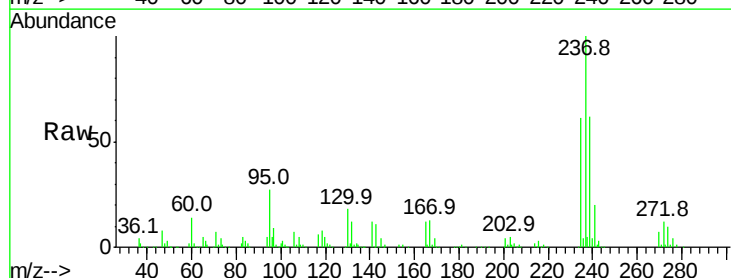
Acq: 29 Mar 2017 16:10

Tgt Ion:237 Resp: 517976
Ion Ratio Lower Upper

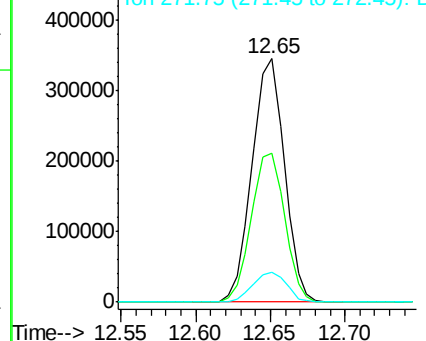
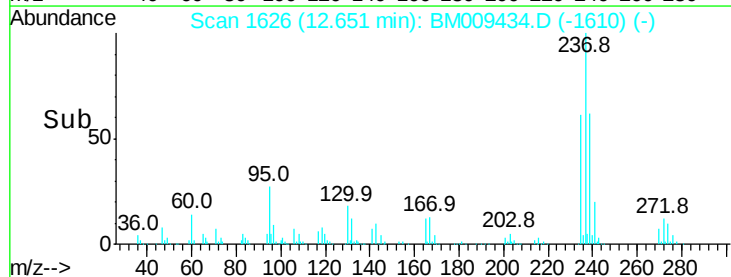
237 100

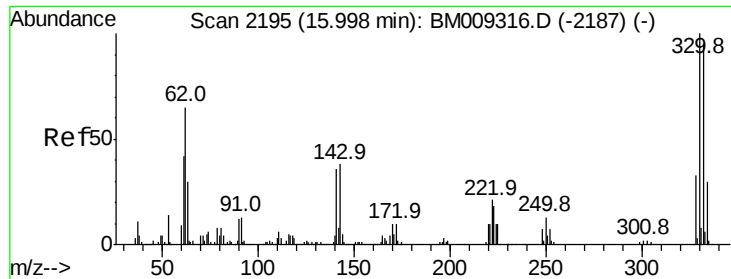
235 61.4 42.0 82.0

272 12.4 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





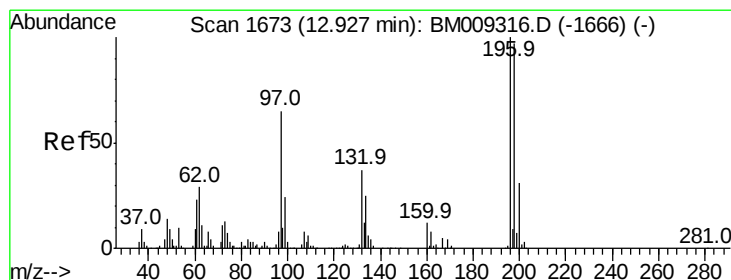
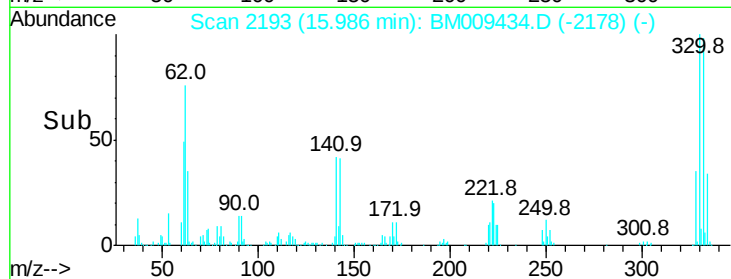
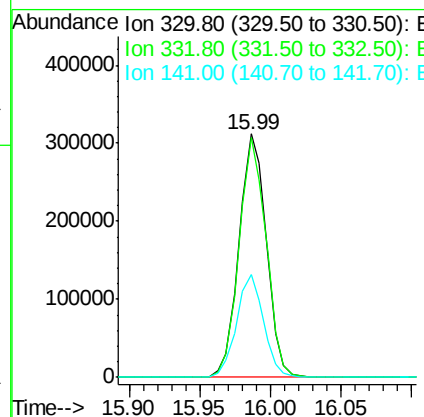
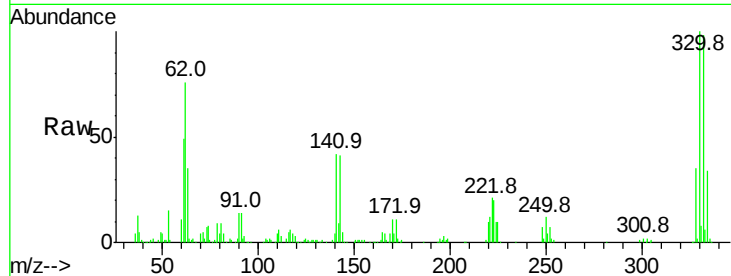
#41
 2,4,6-Tribromophenol
 Concen: 144.95 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

Instrument :
 BNA_M
 ClientSampleId :
 PB97904BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.8	0.0	0.0	
141	41.8	0.0	0.0	

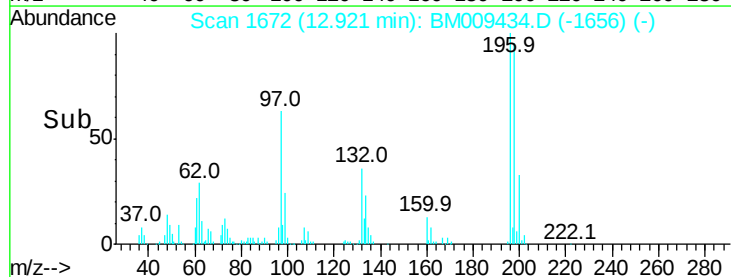
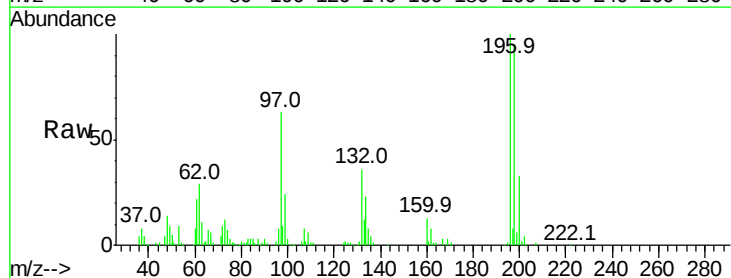
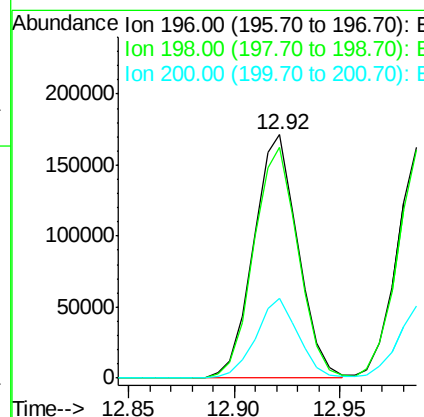
Manual Integrations
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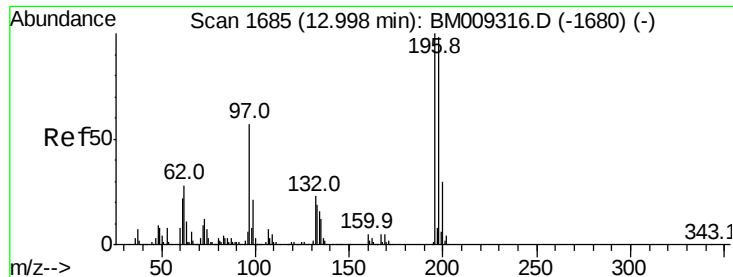
mohammad
 3/31/2017 8:21:40 AM



#42
 2,4,6-Trichlorophenol
 Concen: 49.44 ng
 RT: 12.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.8	76.3	114.5	
200	32.6	25.6	38.4	





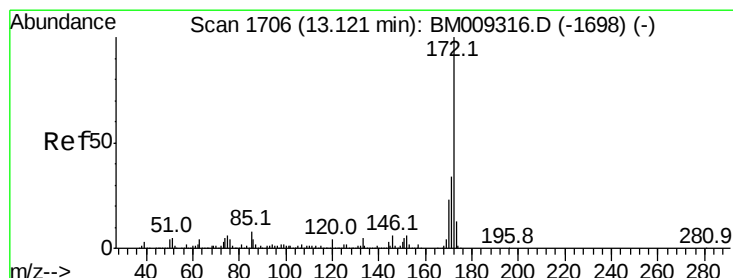
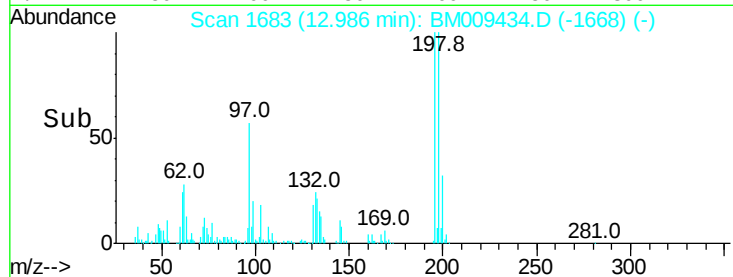
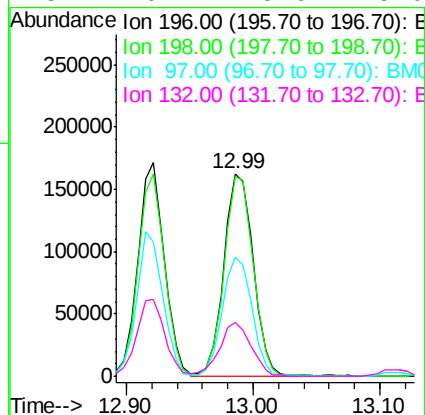
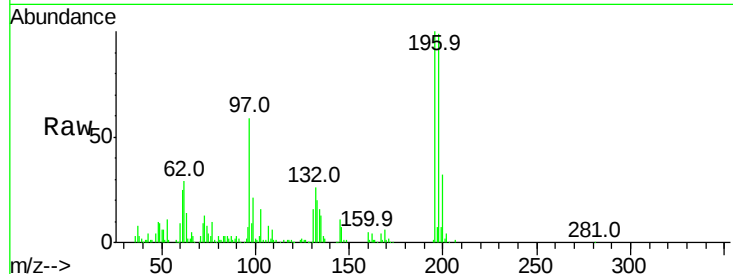
#43
2,4,5-Trichlorophenol
Concen: 46.54 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	261810		
198	98.9	79.4	119.0	
97	59.0	26.8	40.2	
132	26.4	18.6	28.0	

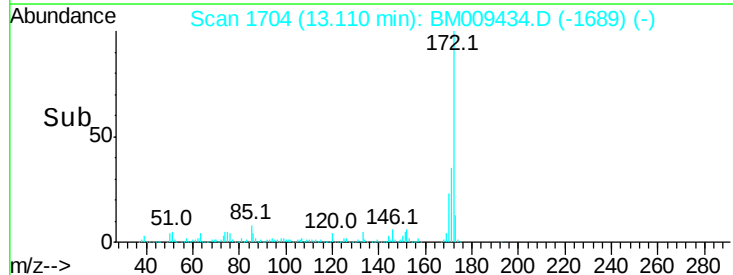
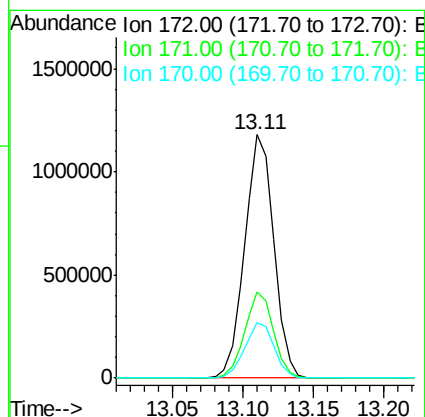
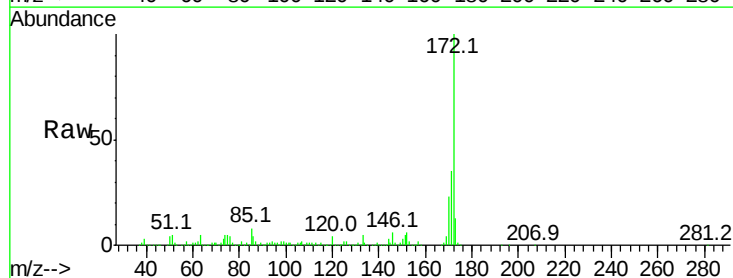
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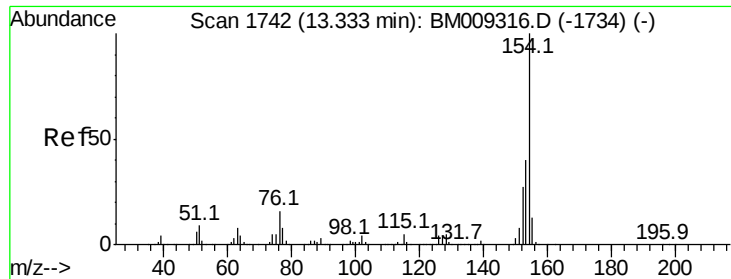
mohammad
3/31/2017 8:21:40 AM



#44
2-Fluorobiphenyl
Concen: 87.84 ng
RT: 13.11 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1702578		
171	35.5	28.5	42.7	
170	22.7	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 45.81 ng

RT: 13.33 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

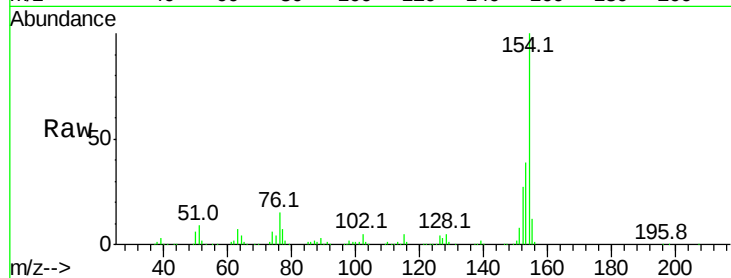
ClientSampleId :

PB97904BS

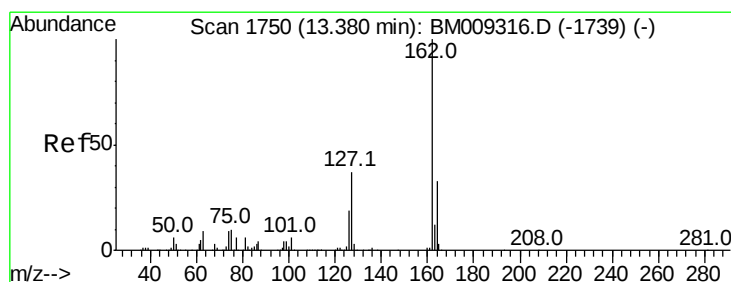
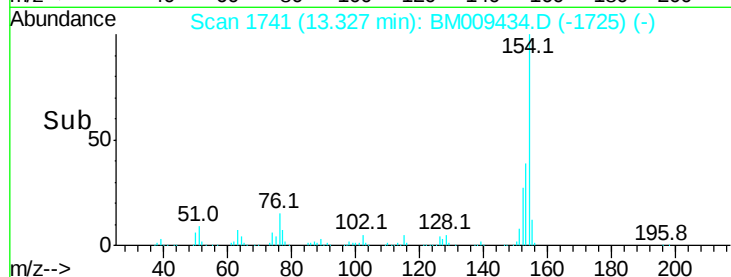
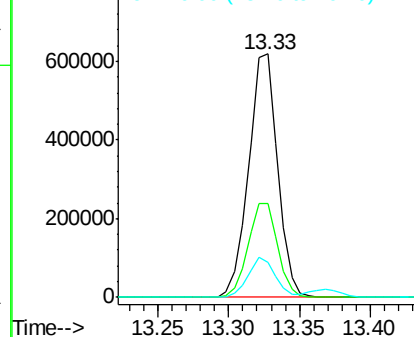
Tot Ion:	154	Resp:	890440
Ion Ratio	Lower	Upper	
154	100		
153	38.7	20.7	60.7
76	14.6	0.0	30.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 46.48 ng

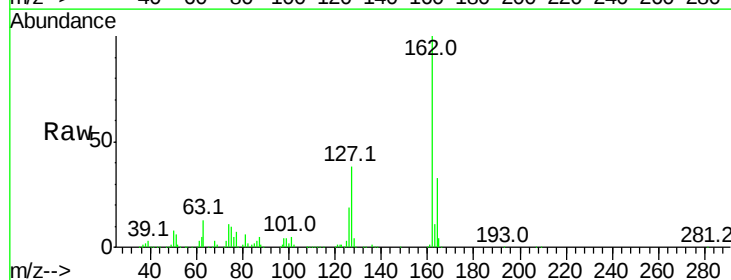
RT: 13.37 min Scan# 1748

Delta R.T. -0.01 min

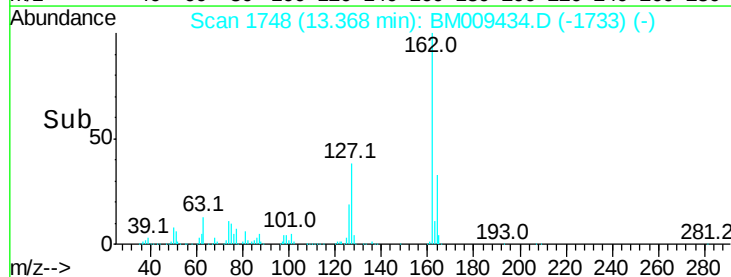
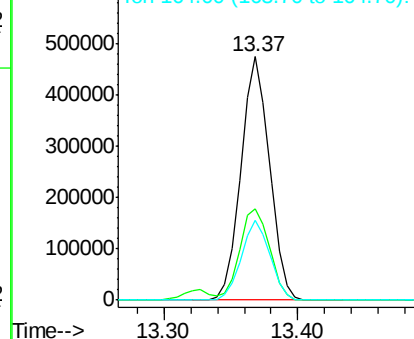
Lab File: BM009434.D

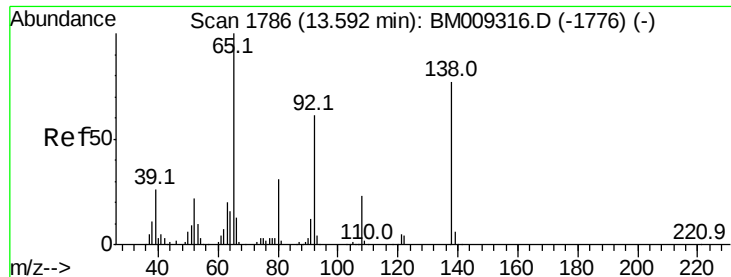
Acq: 29 Mar 2017 16:10

Tgt Ion:	162	Resp:	701730
Ion Ratio	Lower	Upper	
162	100		
127	37.6	26.9	40.3
164	32.6	26.8	40.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.20 ng

RT: 13.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

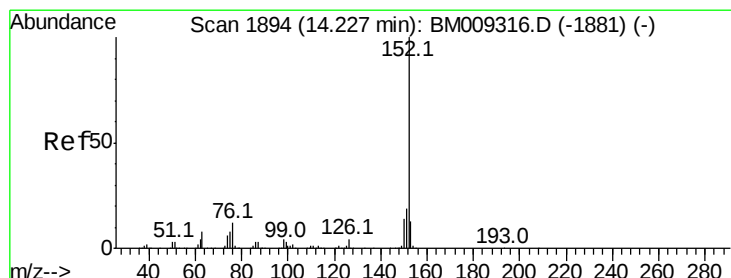
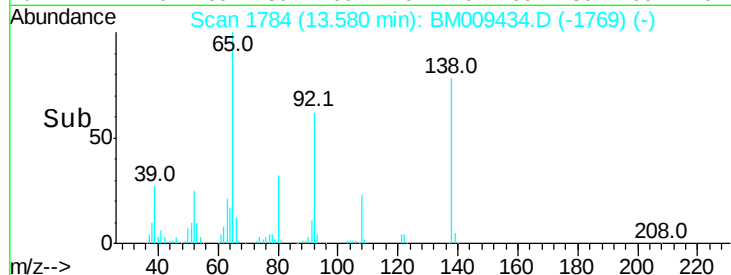
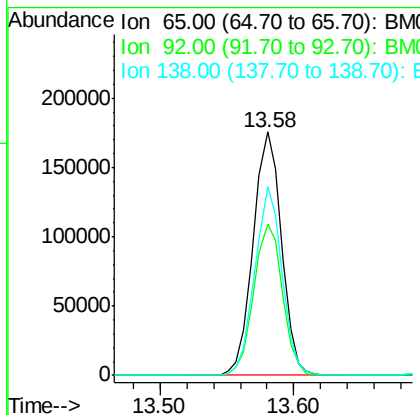
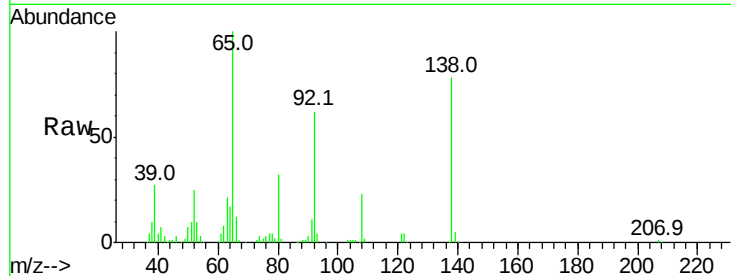
ClientSampleId :

PB97904BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.3	59.1	88.7
138	77.6	93.9	140.9

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#48

Acenaphthylene

Concen: 44.82 ng

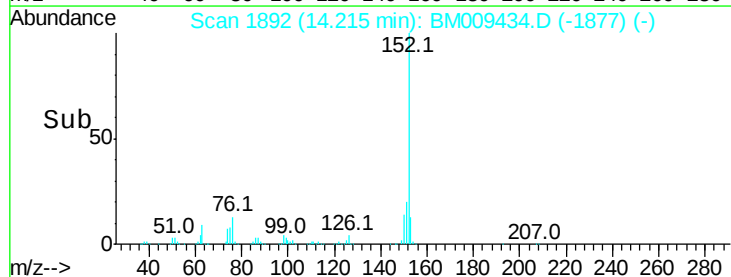
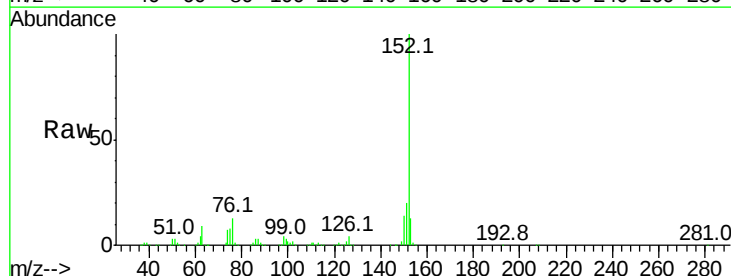
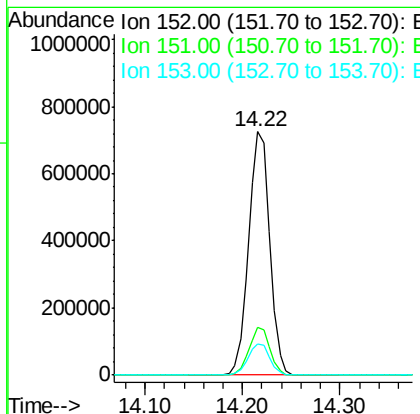
RT: 14.22 min Scan# 1892

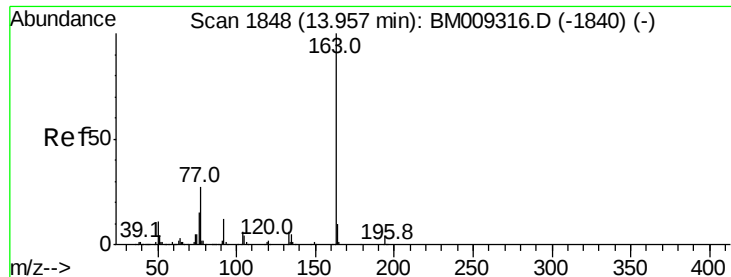
Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	12.6	10.6	16.0





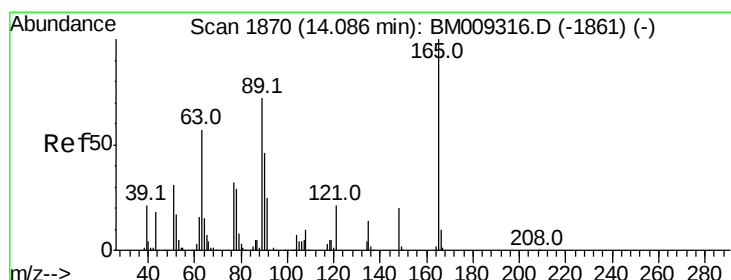
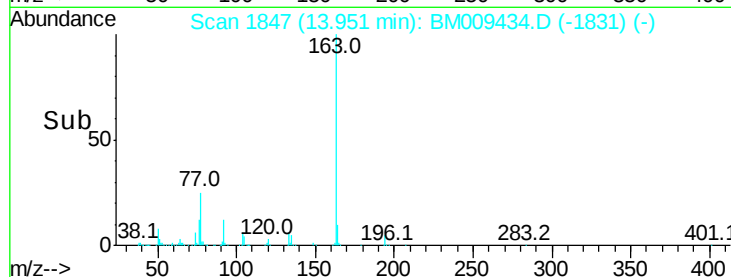
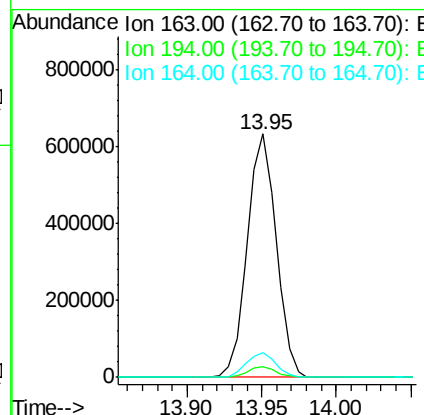
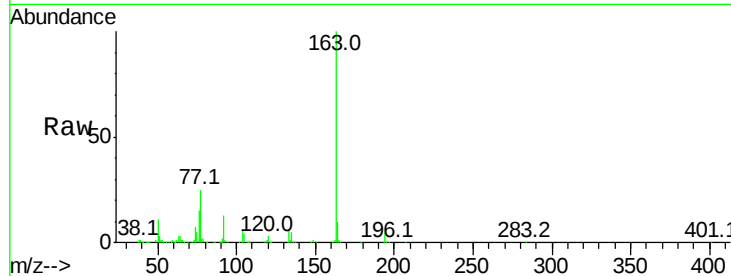
#49
Dimethylphthalate
Concen: 47.29 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.5	2.7	4.1#	
164	10.3	8.2	12.2	

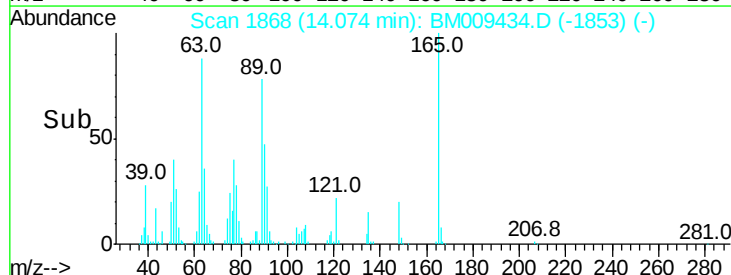
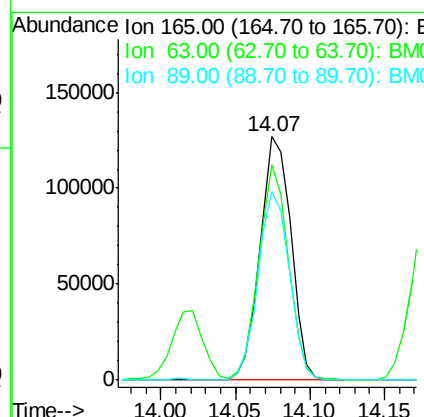
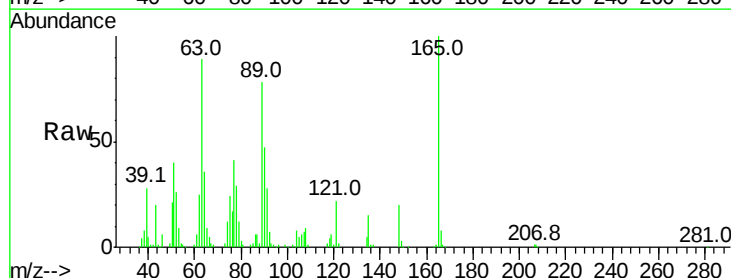
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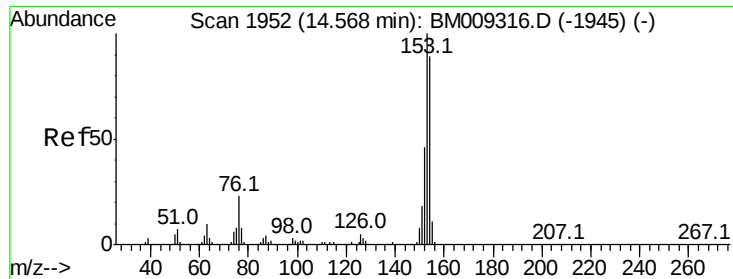
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#50
2,6-Dinitrotoluene
Concen: 46.98 ng
RT: 14.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	88.6	44.1	66.1#	
89	77.5	44.3	66.5#	





#51

Acenaphthene

Concen: 44.71 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

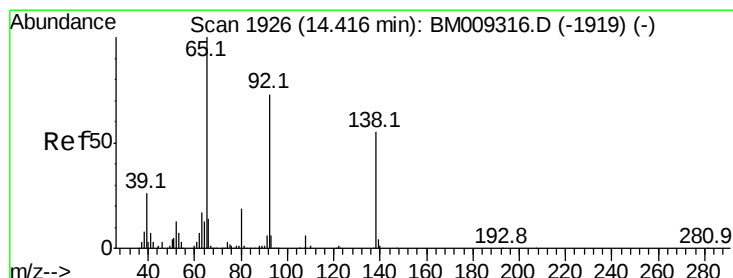
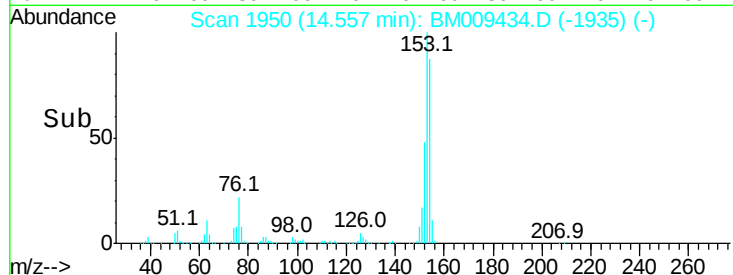
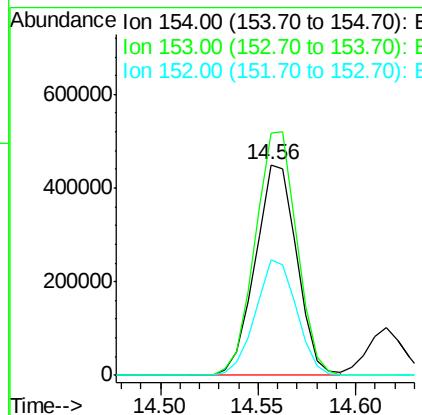
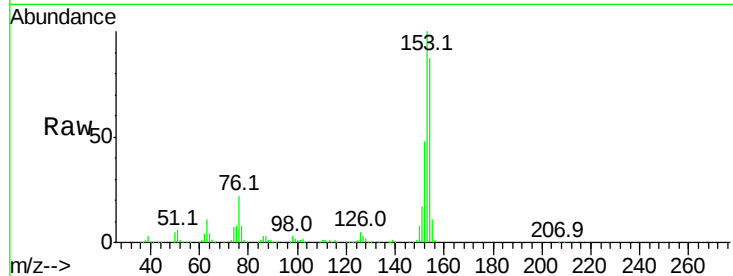
ClientSampleId :

PB97904BS

Tot Ion:	154	Resp:	663332
Ion Ratio	Lower	Upper	
154	100		
153	115.1	90.0	135.0
152	55.0	42.6	63.8

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#52

3-Nitroaniline

Concen: 21.10 ng

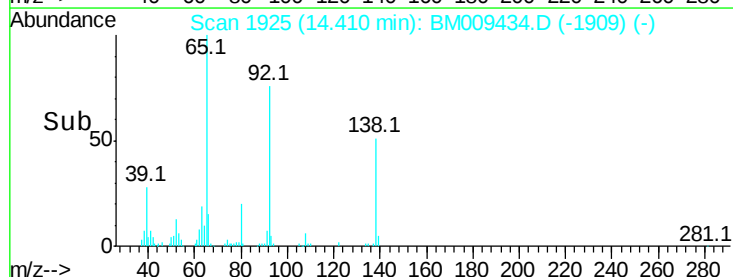
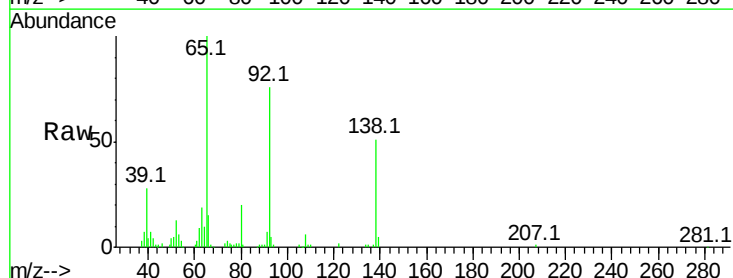
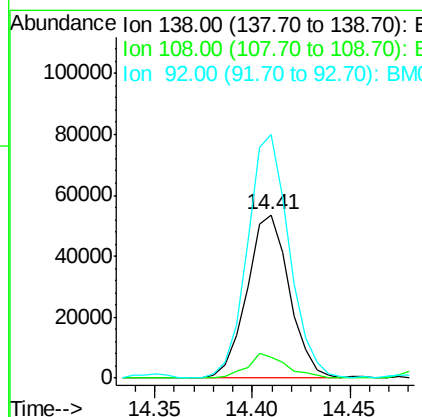
RT: 14.41 min Scan# 1925

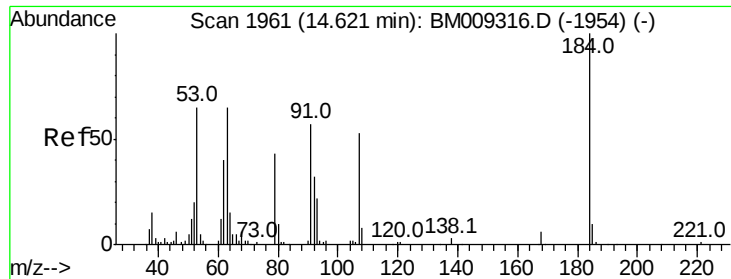
Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Tgt Ion:	138	Resp:	80330
Ion Ratio	Lower	Upper	
138	100		
108	12.5	7.3	10.9#
92	149.0	76.6	114.8#





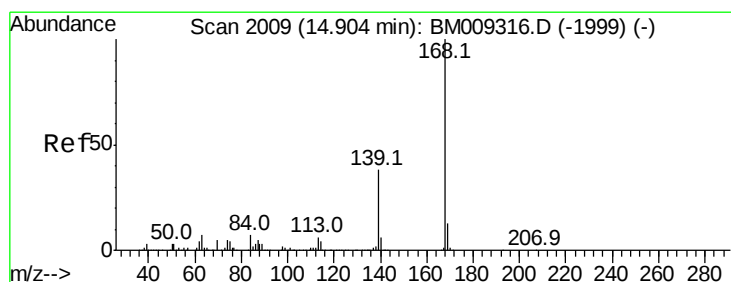
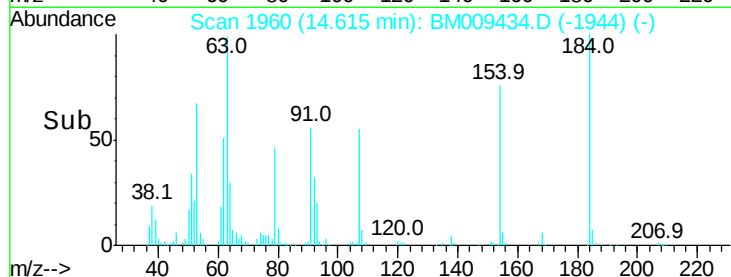
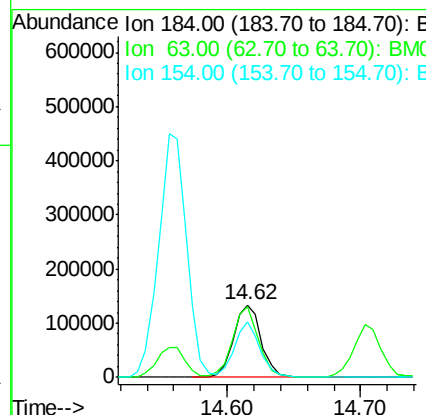
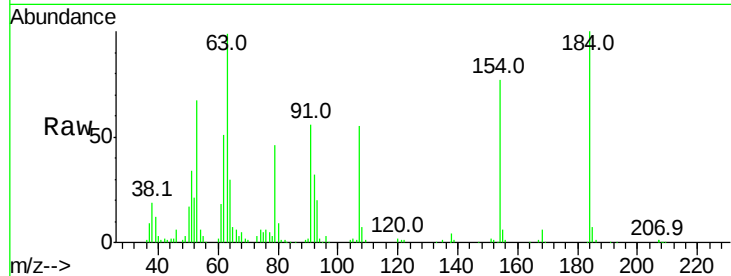
#53
2,4-Dinitrophenol
Concen: 74.65 ng
RT: 14.62 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	193536		
63	98.7	69.2	103.8	
154	76.7	53.3	79.9	

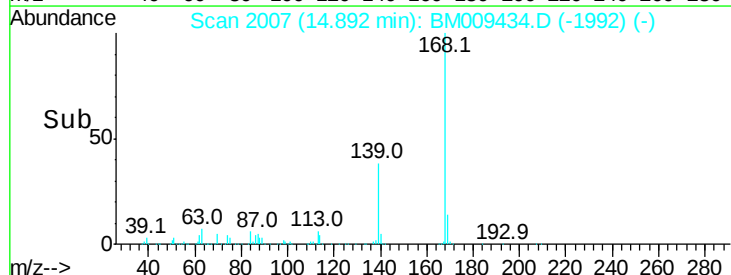
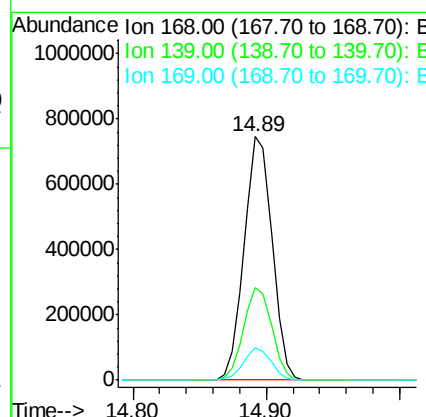
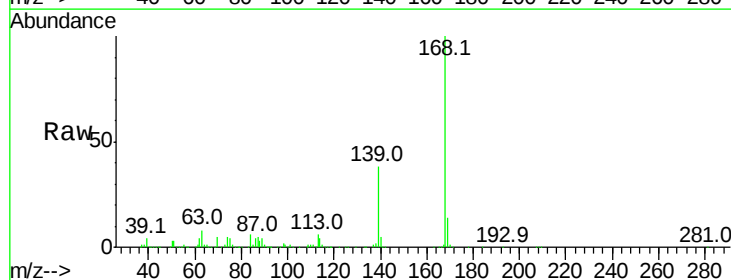
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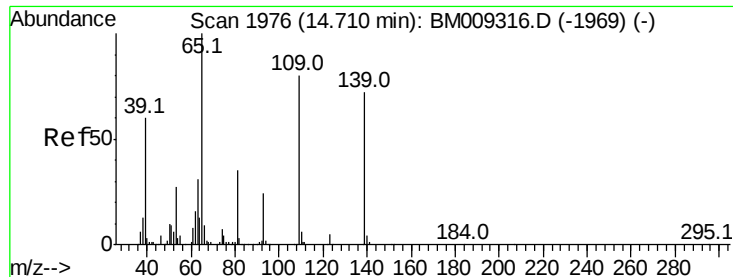
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#54
Dibenzofuran
Concen: 49.28 ng
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1081283		
139	37.9	27.3	40.9	
169	13.6	10.6	16.0	





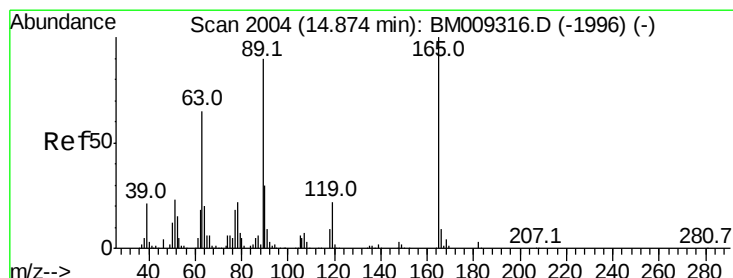
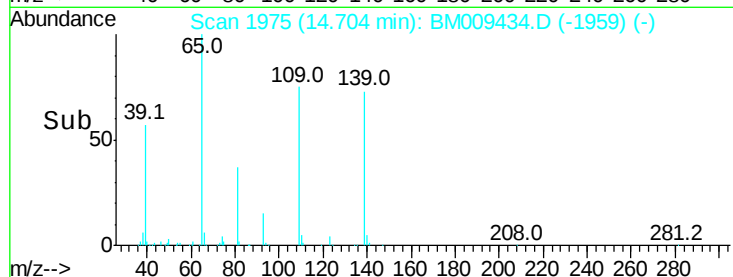
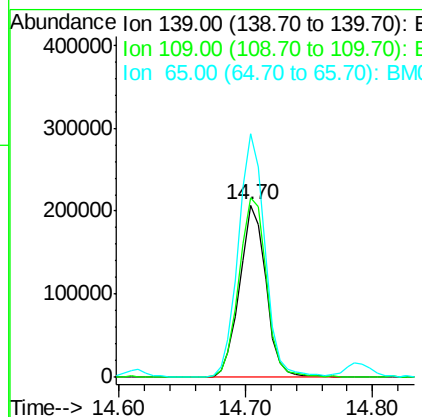
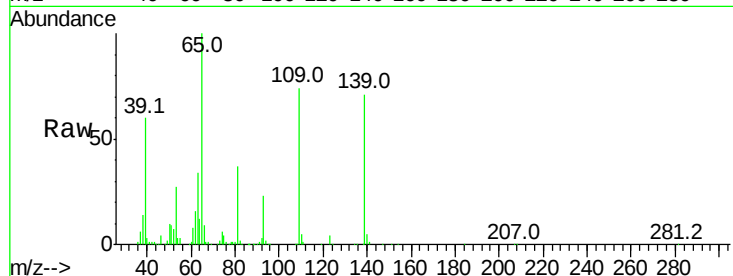
#55
4-Nitrophenol
Concen: 94.77 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	104.0	37.7	77.7#	
65	141.4	49.9	89.9#	

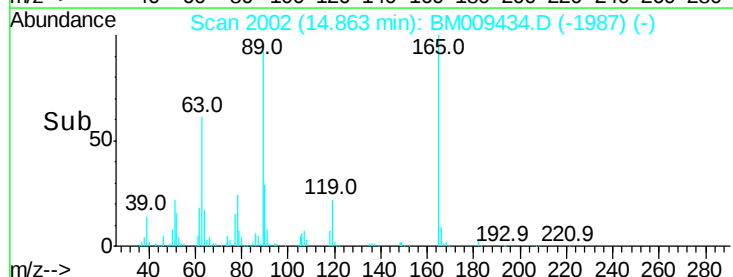
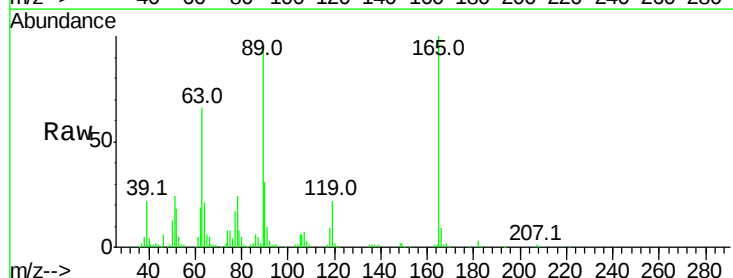
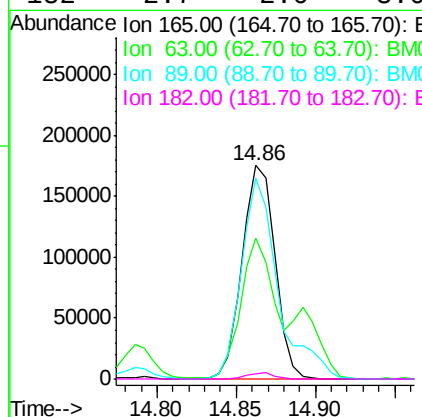
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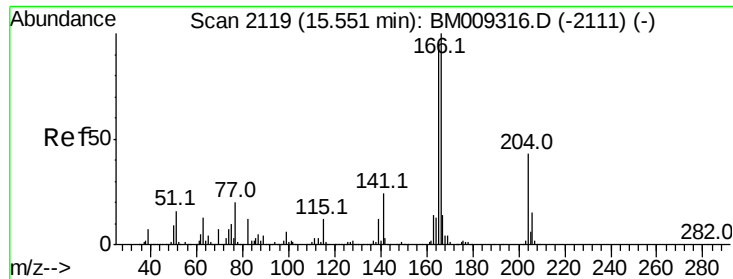
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#56
2,4-Dinitrotoluene
Concen: 48.42 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	65.9	52.4	78.6	
89	94.2	72.4	108.6	
182	2.7	2.0	3.0	





#57

Fluorene

Concen: 44.06 ng

RT: 15.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

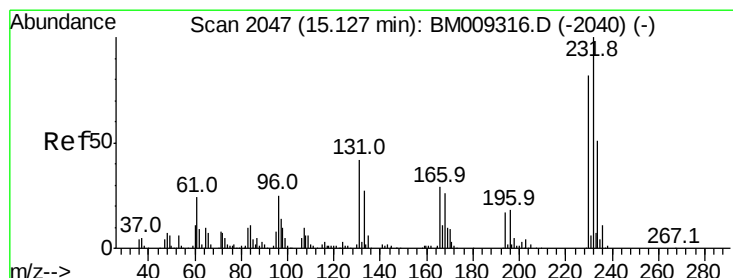
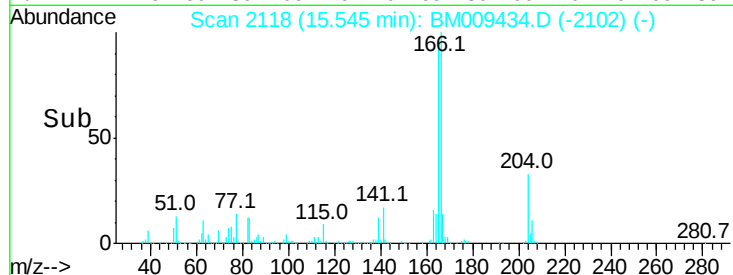
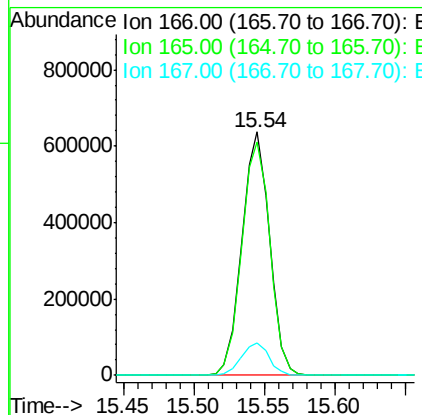
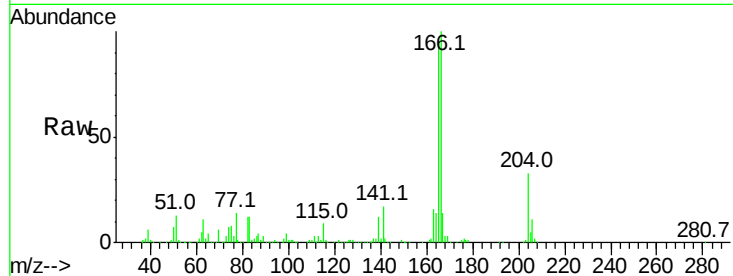
ClientSampleId :

PB97904BS

Tot Ion:	166	Resp:	868887
Ion Ratio	Lower	Upper	
166	100		
165	95.8	79.0	118.4
167	13.5	10.3	15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.54 ng

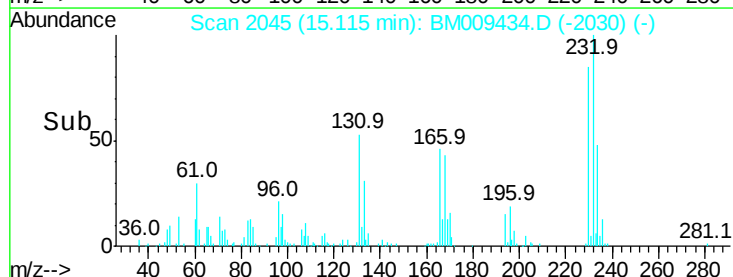
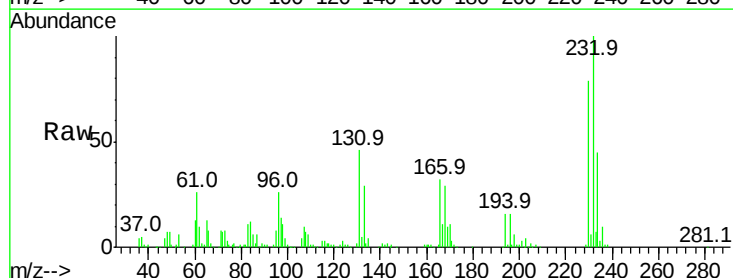
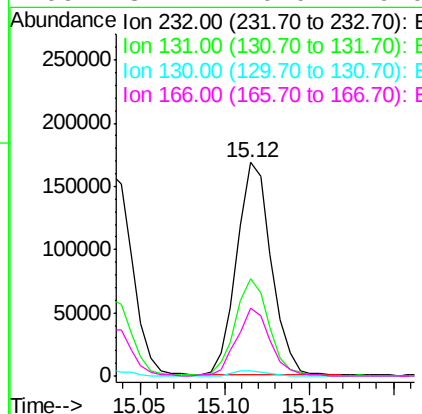
RT: 15.12 min Scan# 2045

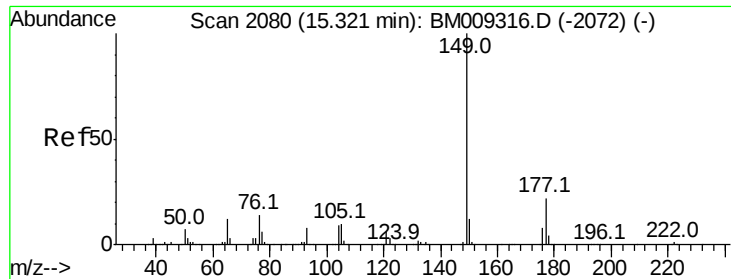
Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Tgt Ion:	232	Resp:	240458
Ion Ratio	Lower	Upper	
232	100		
131	45.2	0.0	0.0#
130	2.5	0.0	0.0#
166	31.2	0.0	0.0#





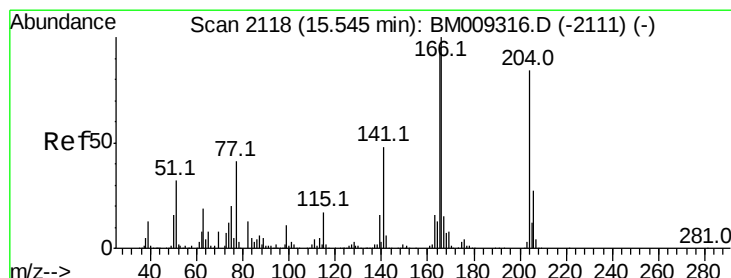
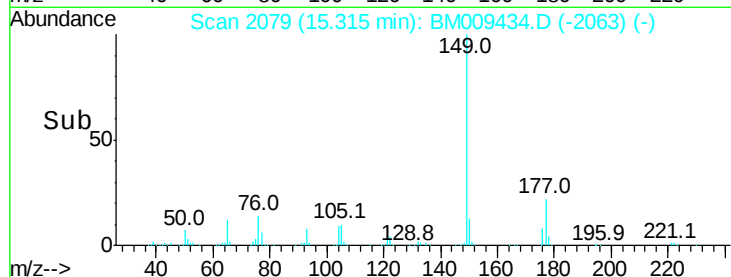
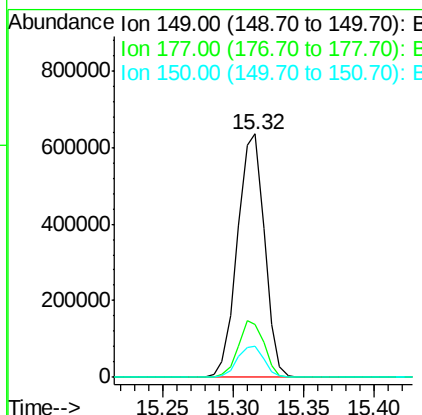
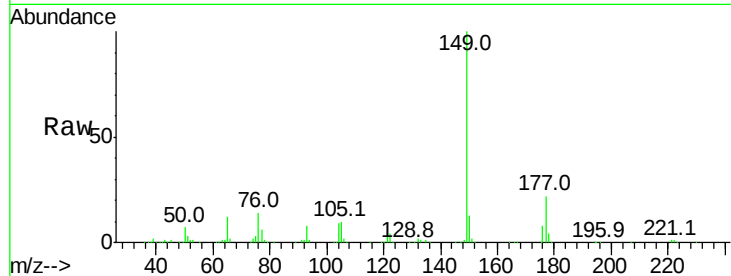
#59
Diethylphthalate
Concen: 46.69 ng
RT: 15.32 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	849346		
177	22.0		18.3	27.5
150	12.8		9.8	14.8

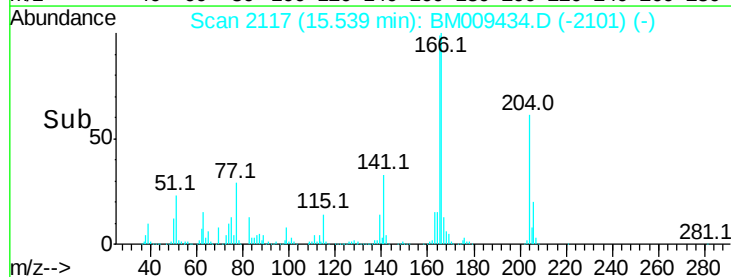
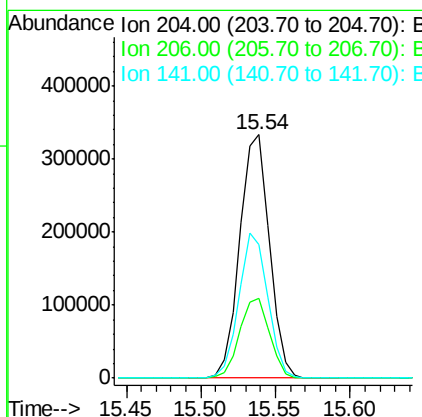
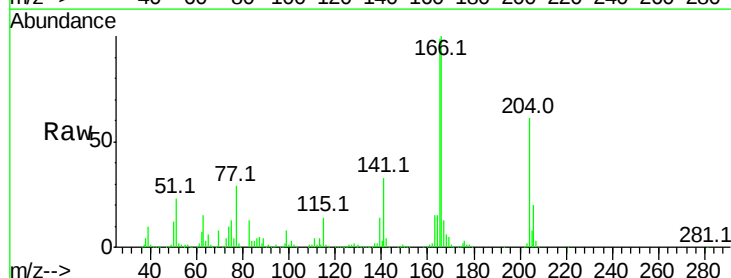
Manual Integrations
APPROVED

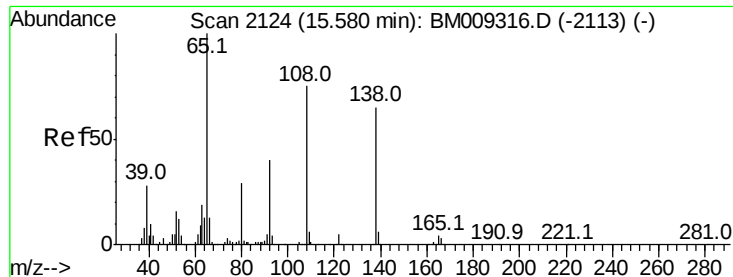
mohammad
3/31/2017 8:21:40 AM



#60
4-Chlorophenyl-phenylether
Concen: 44.71 ng
RT: 15.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	460465		
206	32.6		26.6	39.8
141	54.7		45.2	67.8





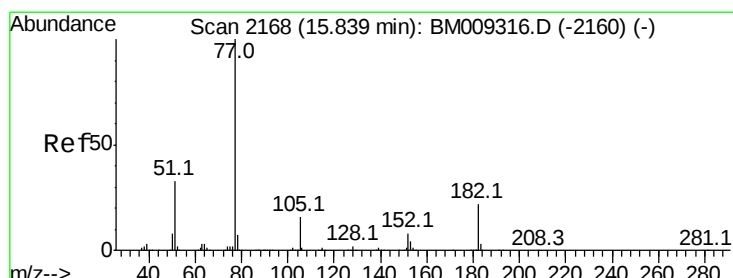
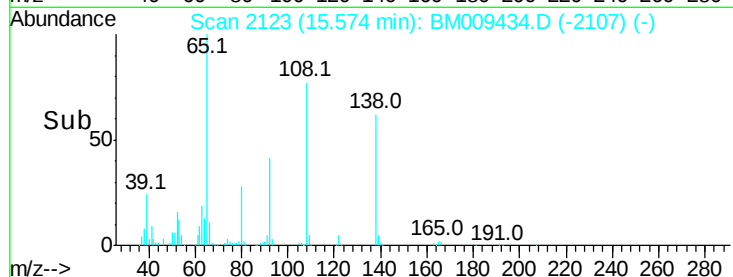
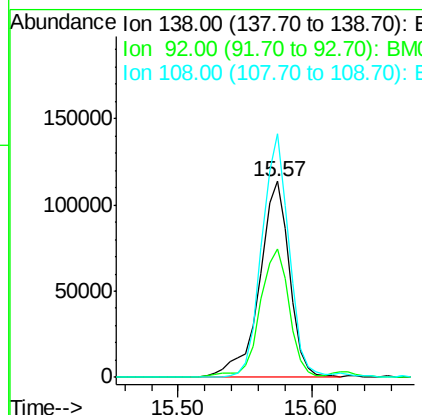
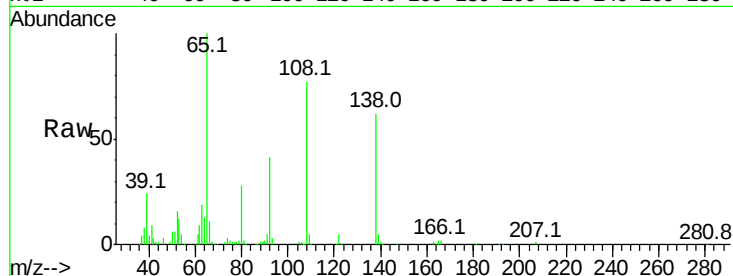
#61
4-Nitroaniline
Concen: 42.71 ng
RT: 15.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	65.8	16.7	56.7#
108	124.1	37.6	77.6#

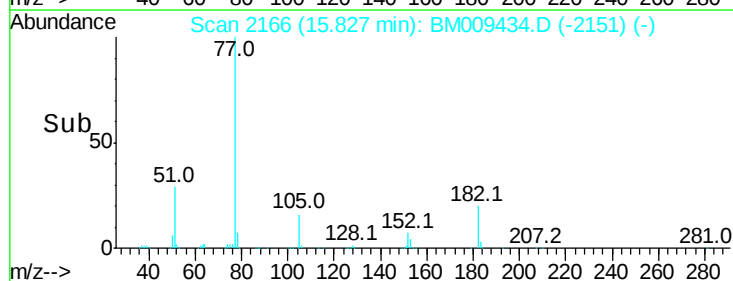
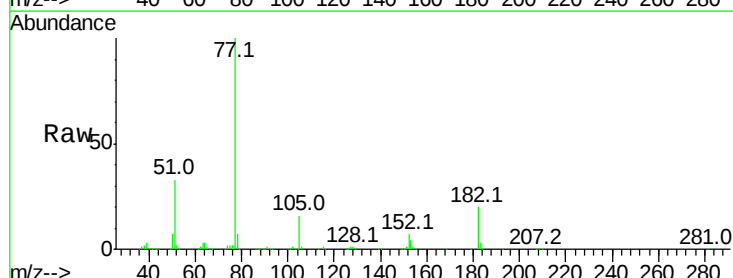
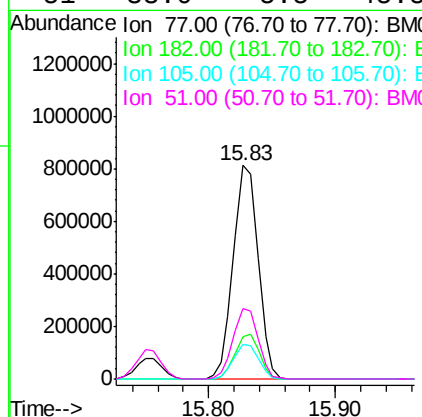
Manual Integrations
APPROVED

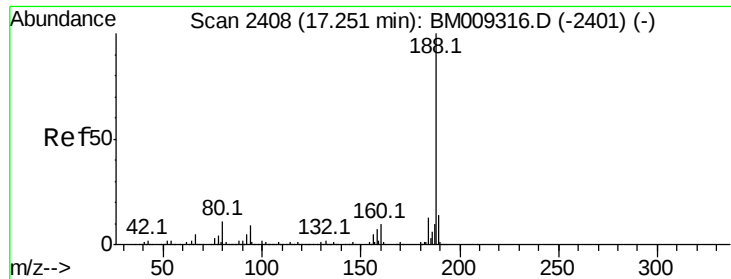
mohammad
3/31/2017 8:21:40 AM



#62
Azobenzene
Concen: 51.97 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.7	6.5	46.5
105	16.0	3.8	43.8
51	33.0	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: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

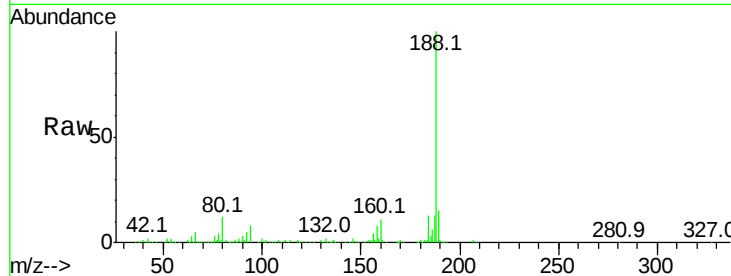
ClientSampleId :

PB97904BS

Tot Ion:	188	Resp:	526249
Ion Ratio	Lower	Upper	
188	100		
94	8.2	8.7	13.1#
80	11.8	9.3	13.9

Manual Integrations
APPROVED

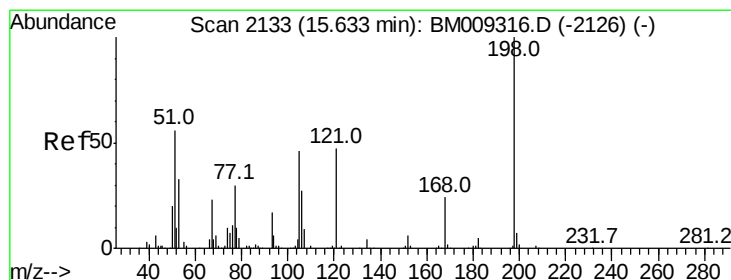
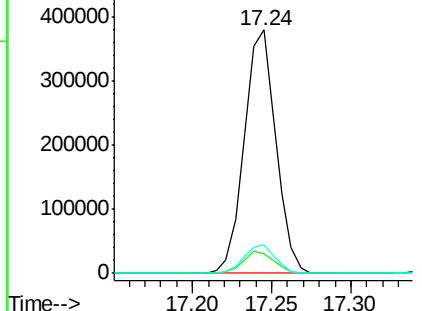
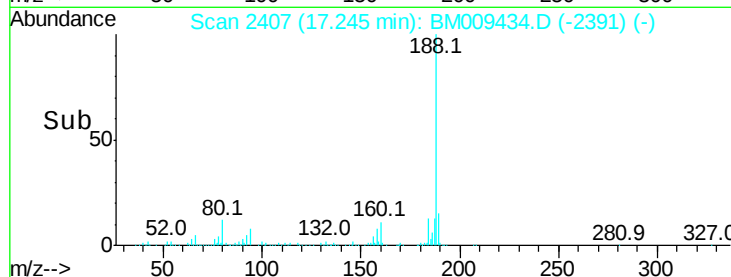
mohammad
3/31/2017 8:21:40 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM009434.D (-2391) (-)

Ion 80.00 (79.70 to 80.70): BM009434.D (-2391) (-)



#64

4,6-Dinitro-2-methylphenol

Concen: 43.11 ng

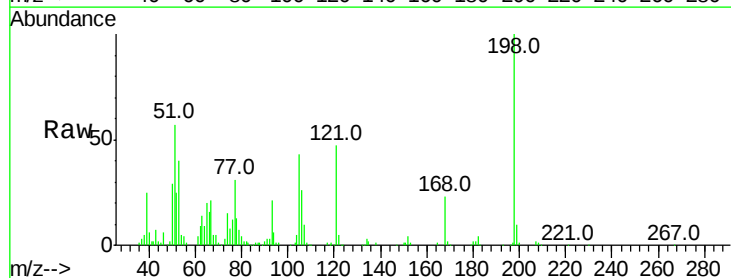
RT: 15.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

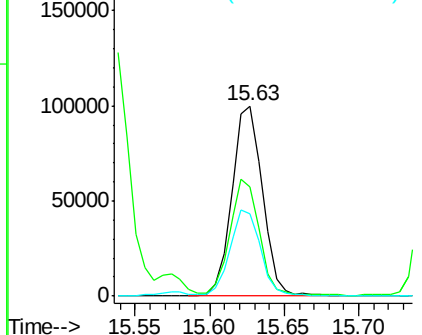
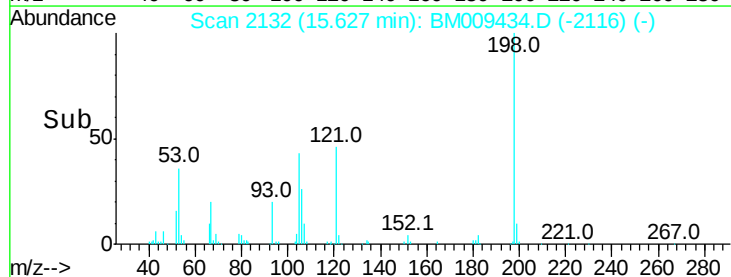
Tgt Ion:	198	Resp:	142927
Ion Ratio	Lower	Upper	
198	100		
51	57.4	28.8	68.8
105	43.0	30.5	70.5

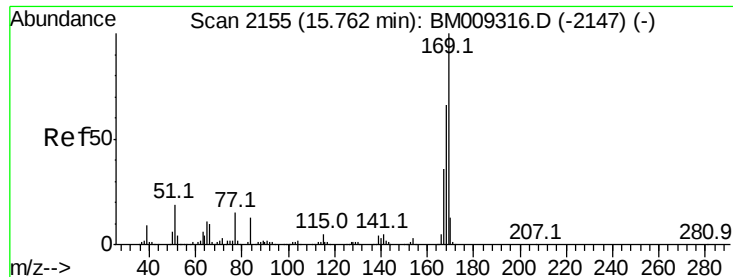


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM009434.D (-2116) (-)

Ion 105.00 (104.70 to 105.70): BM009434.D (-2116) (-)





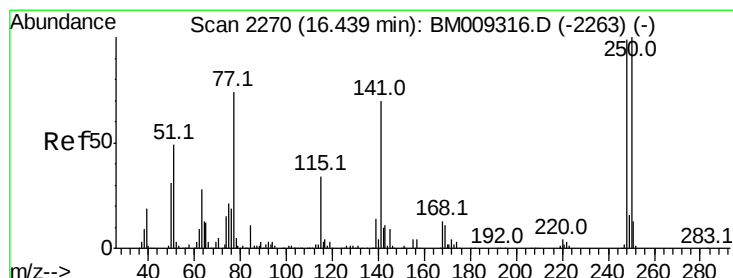
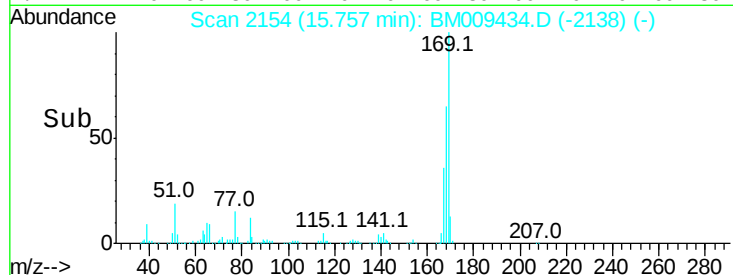
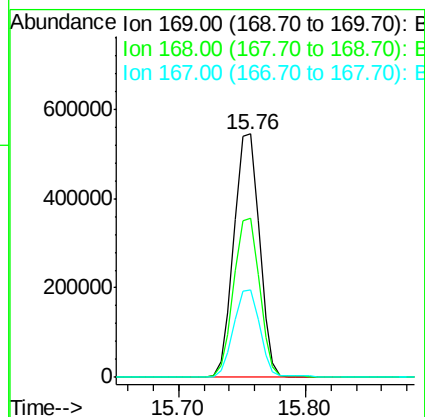
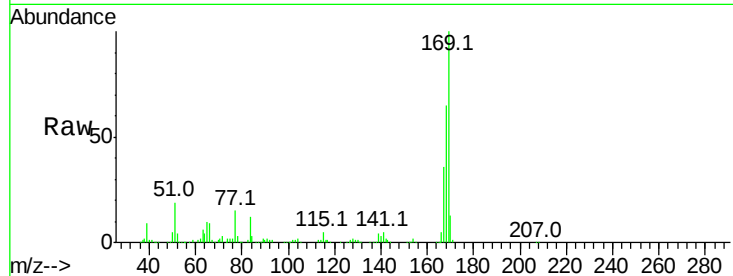
#65
n-Nitrosodiphenylamine
Concen: 47.37 ng
RT: 15.76 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	757306		
168	65.3		53.9	80.9
167	36.0		28.9	43.3

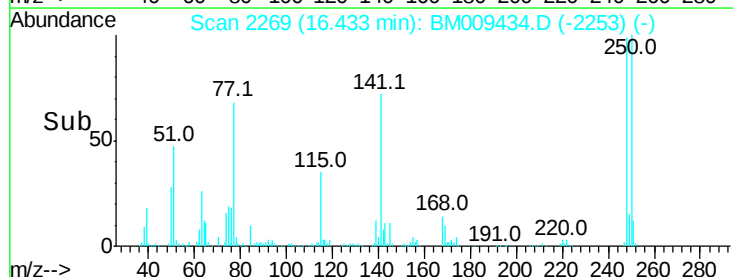
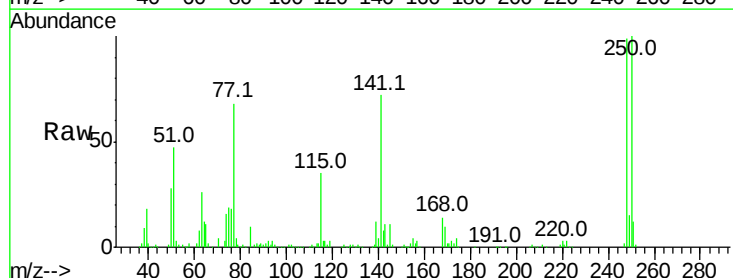
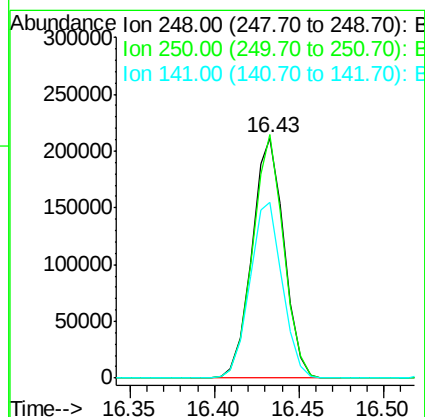
Manual Integrations
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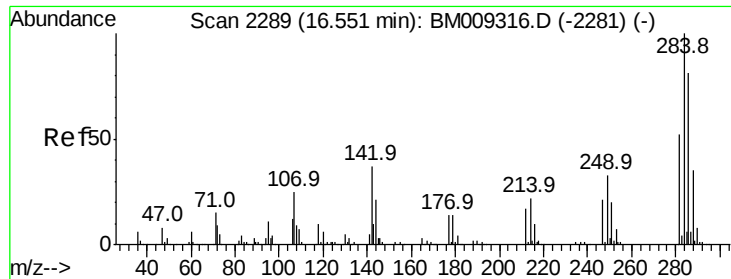
mohammad
3/31/2017 8:21:40 AM



#66
4-Bromophenyl-phenylether
Concen: 45.62 ng
RT: 16.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	278152		
250	101.4		77.4	116.0
141	73.0		45.2	67.8





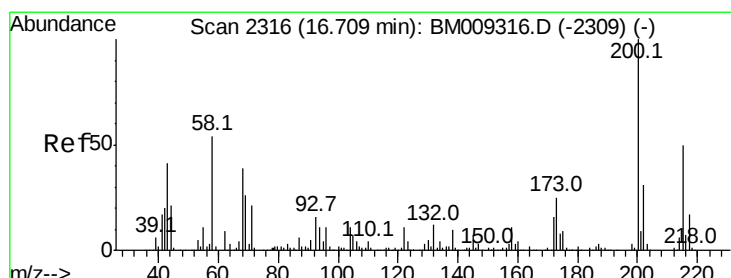
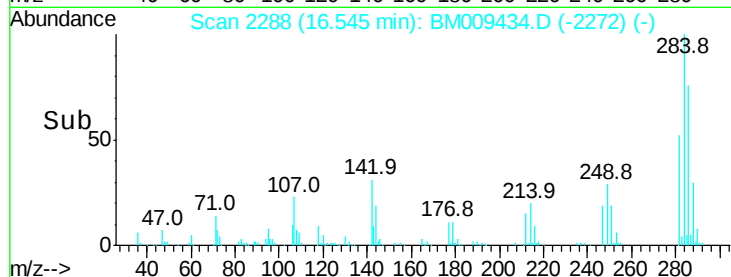
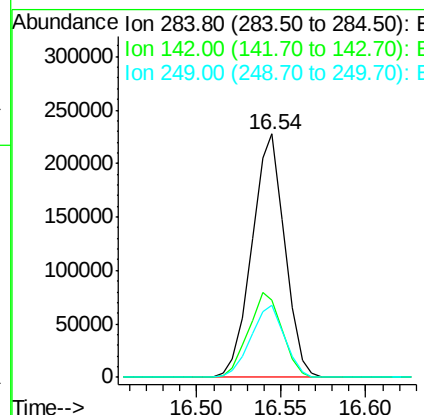
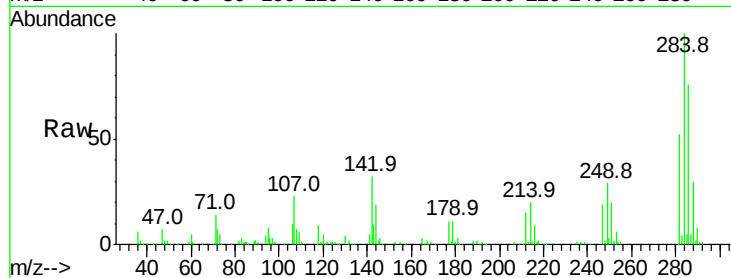
#67
Hexachlorobenzene
Concen: 46.08 ng
RT: 16.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	307988		
142	31.6	20.4	30.6	
249	29.4	23.8	35.6	

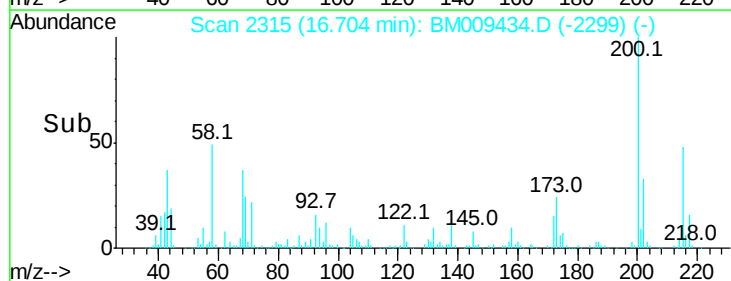
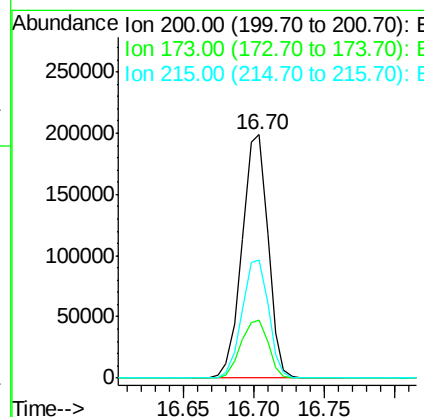
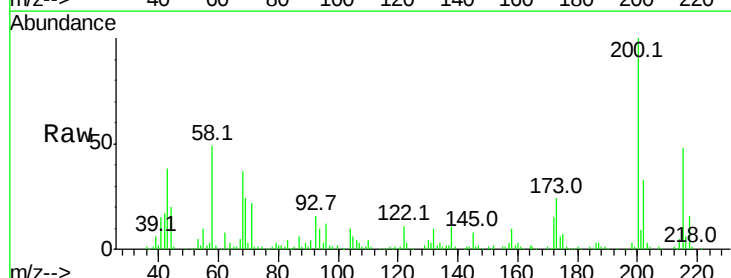
Manual Integrations
APPROVED

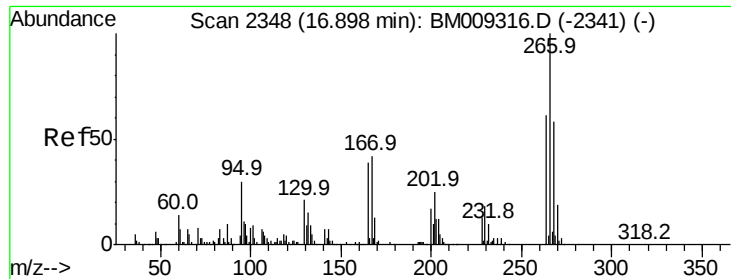
mohammad
3/31/2017 8:21:40 AM



#68
Atrazine
Concen: 42.72 ng
RT: 16.70 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	256818		
173	24.0	4.8	44.8	
215	48.4	26.9	66.9	





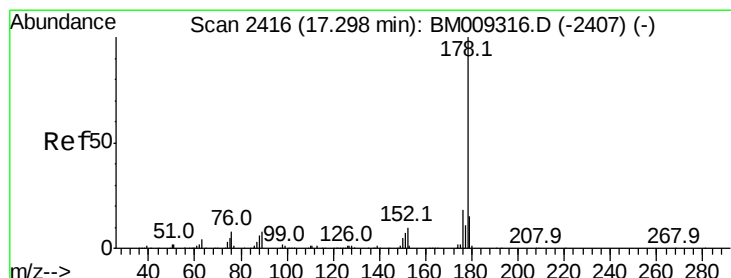
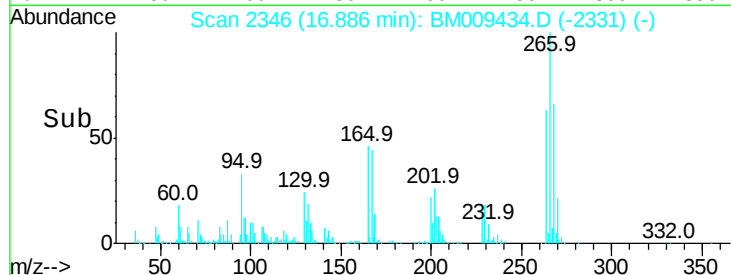
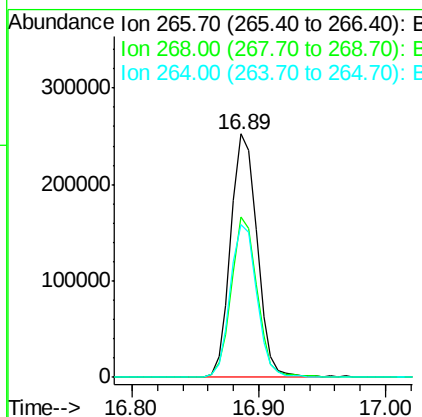
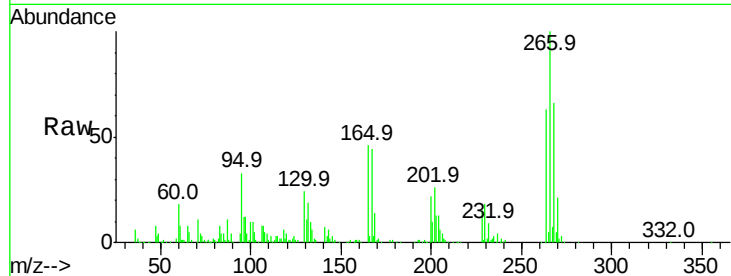
#69
 Pentachlorophenol
 Concen: 89.47 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

Instrument :
 BNA_M
 ClientSampleId :
 PB97904BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	365271		
268	66.0		52.0	78.0
264	62.9		49.0	73.4

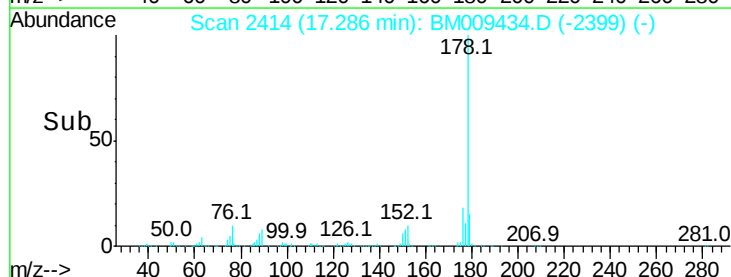
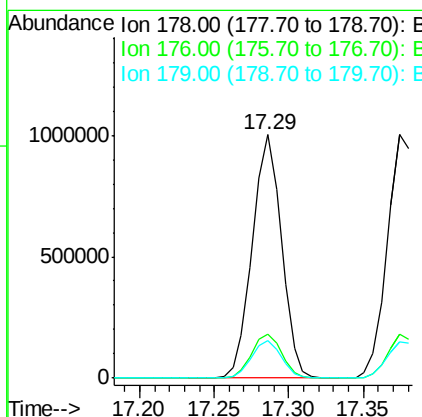
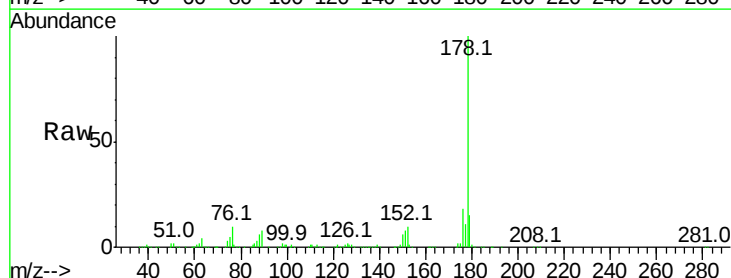
Manual Integrations
 APPROVED

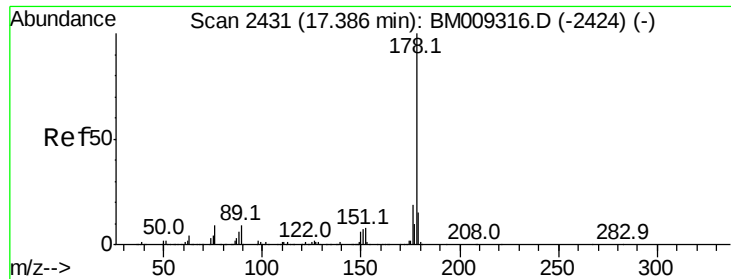
mohammad
 3/31/2017 8:21:40 AM



#70
 Phenanthrene
 Concen: 44.90 ng
 RT: 17.29 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1351241		
176	18.2		15.2	22.8
179	15.2		12.1	18.1





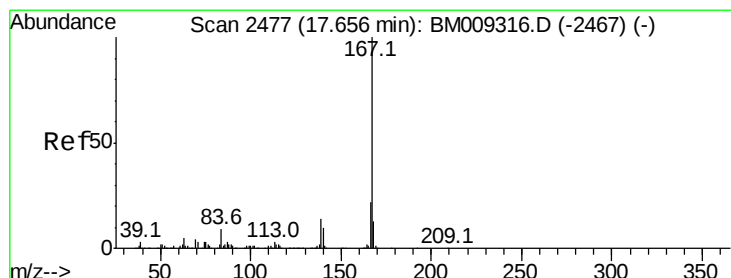
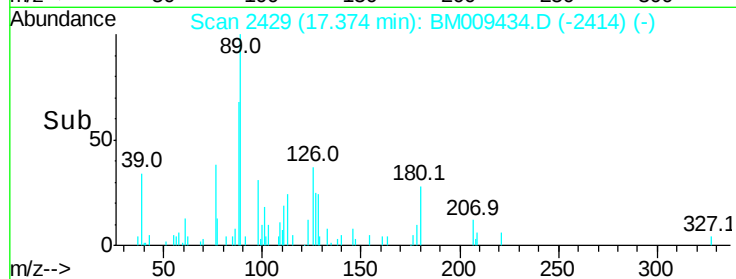
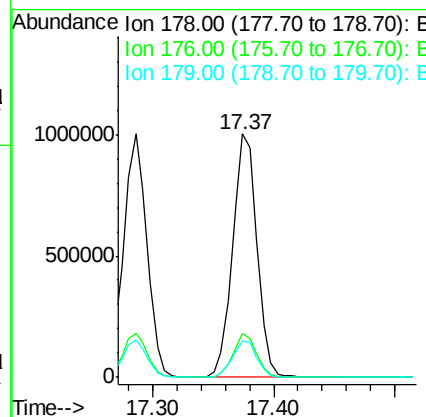
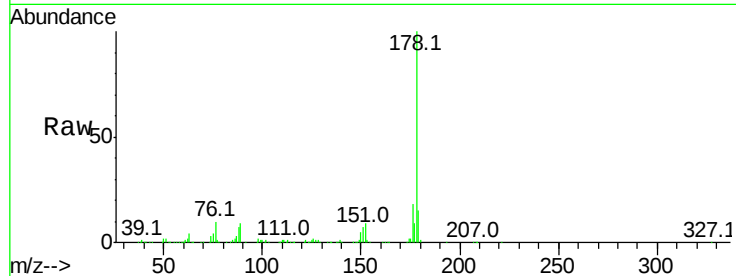
#71
 Anthracene
 Concen: 45.95 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

Instrument :
 BNA_M
 ClientSampleId :
 PB97904BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	14.9	12.6	19.0

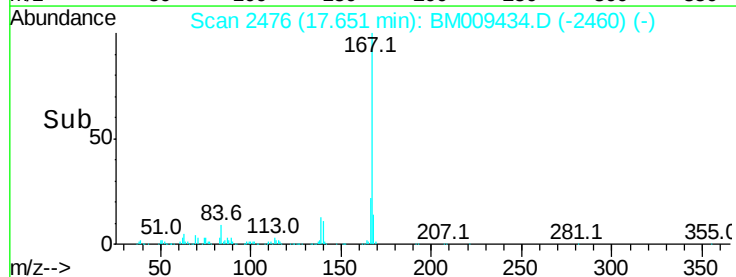
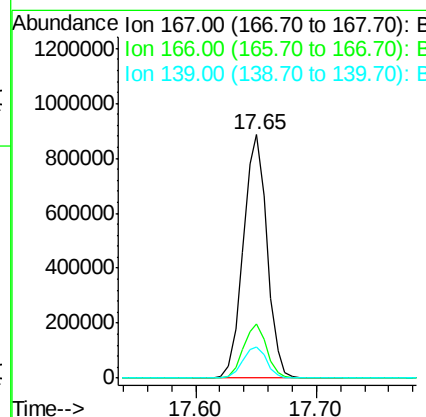
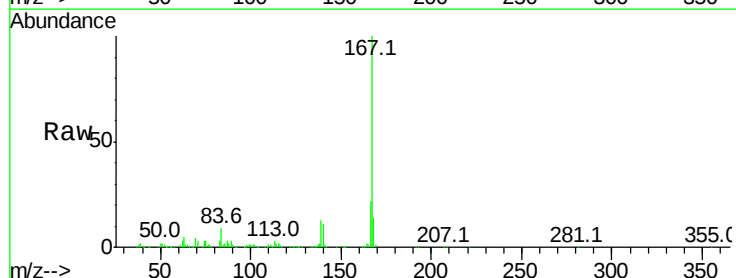
Manual Integrations
 APPROVED

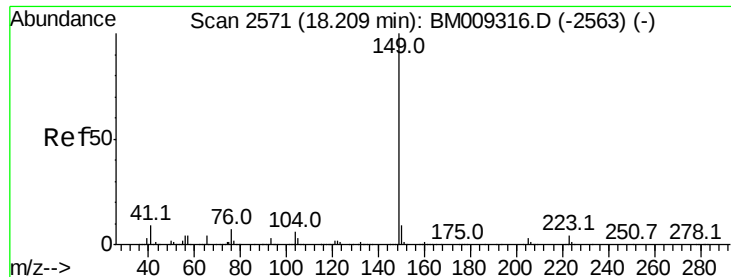
mohammad
 3/31/2017 8:21:40 AM



#72
 Carbazole
 Concen: 41.58 ng
 RT: 17.65 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.2	25.8
139	12.8	10.8	16.2





#73

Di-n-butylphthalate

Concen: 46.21 ng

RT: 18.20 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

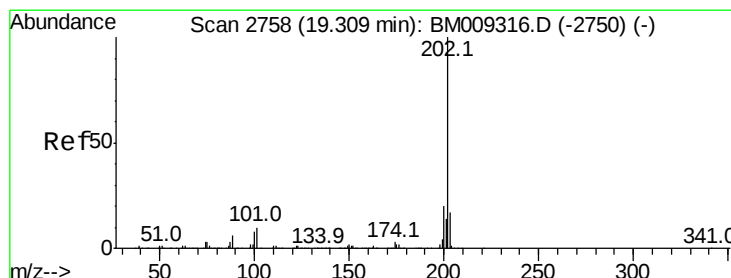
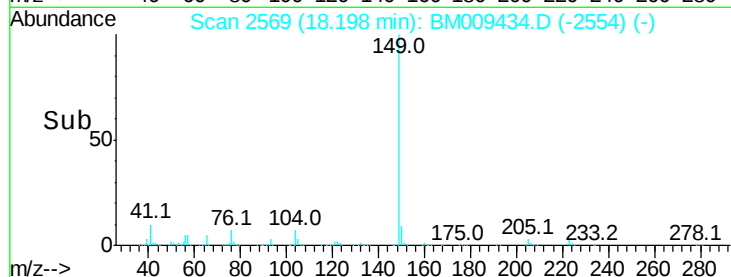
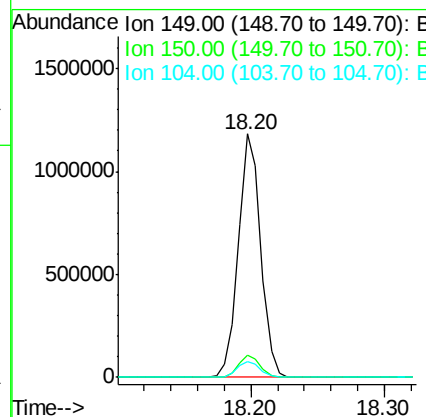
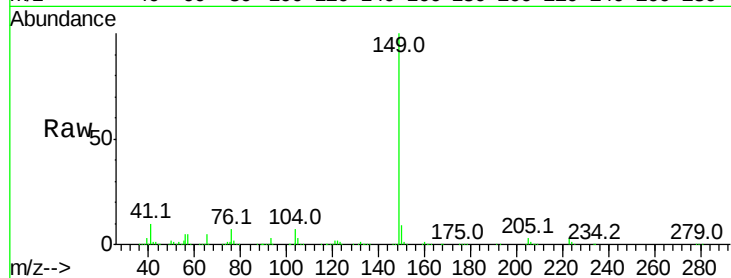
ClientSampleId :

PB97904BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	6.6	3.7	5.5

Manual Integrations
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3/31/2017 8:21:40 AM



#74

Fluoranthene

Concen: 44.06 ng

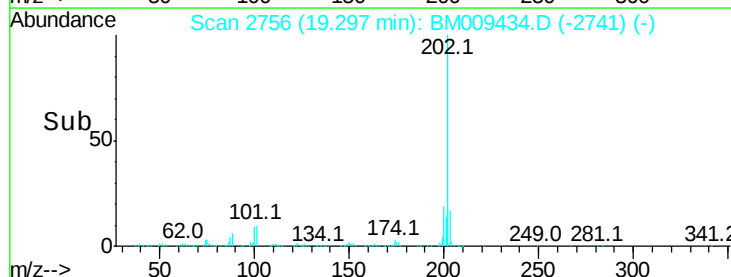
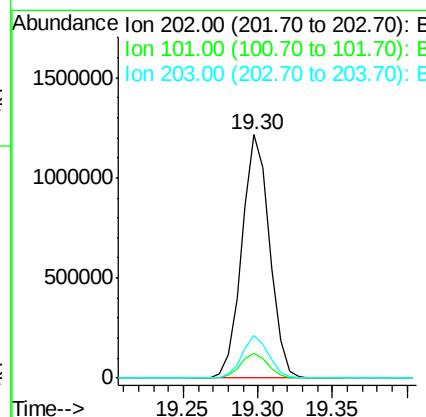
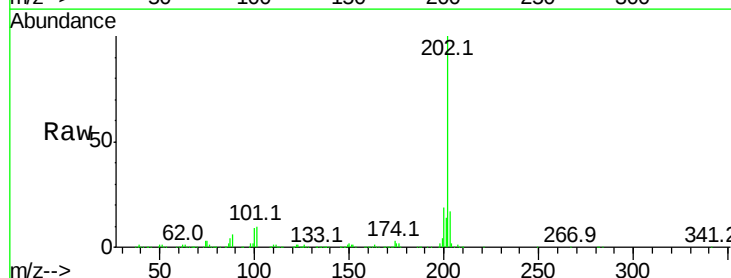
RT: 19.30 min Scan# 2756

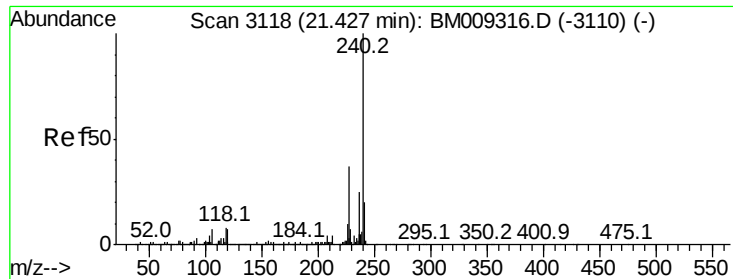
Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	28.7
203	17.4	0.0	37.2





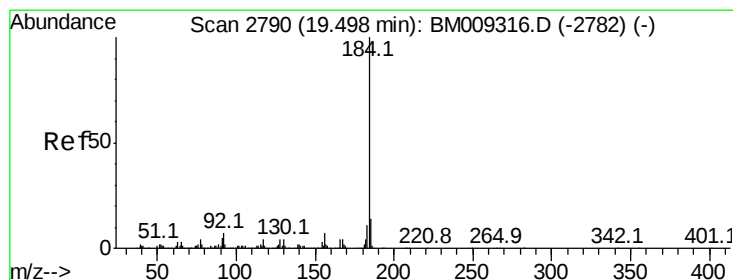
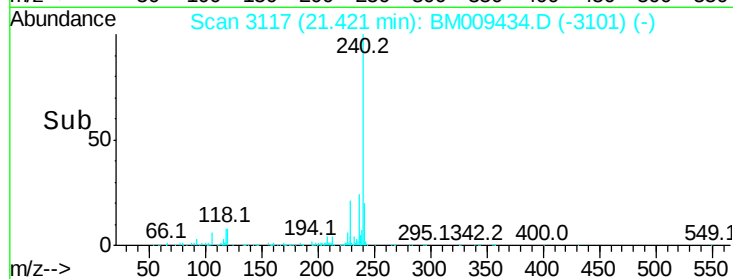
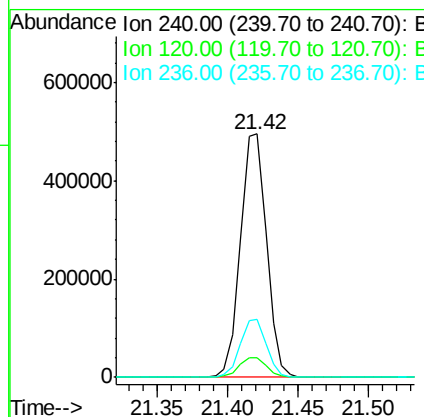
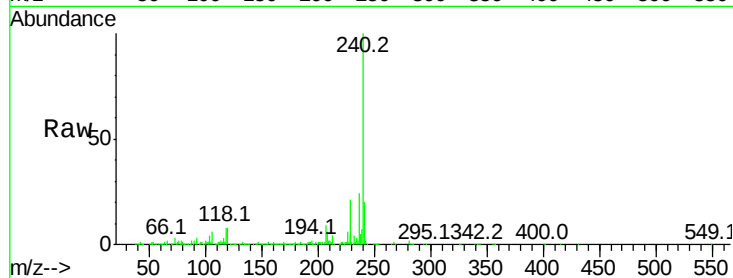
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.42 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

Instrument :
 BNA_M
 ClientSampleId :
 PB97904BS

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	8.2	8.2	12.2
236	24.0	20.0	30.0

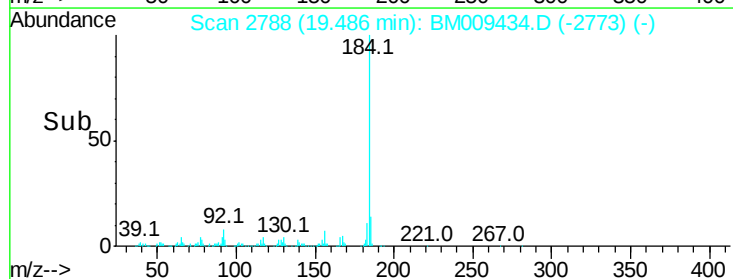
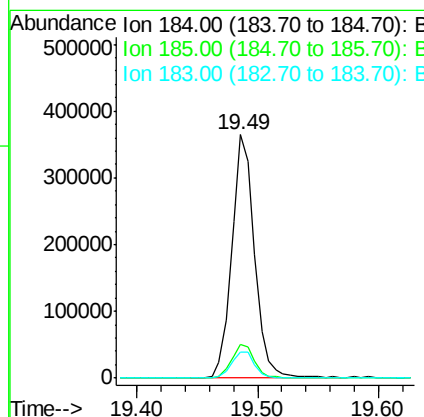
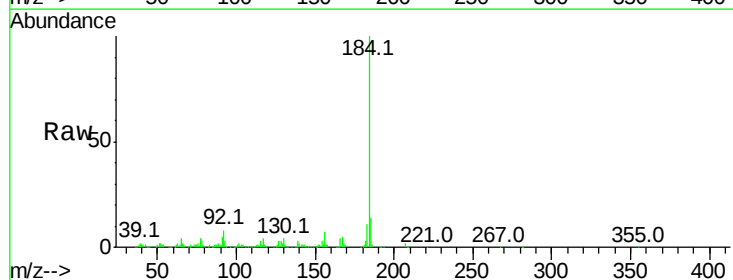
Manual Integrations
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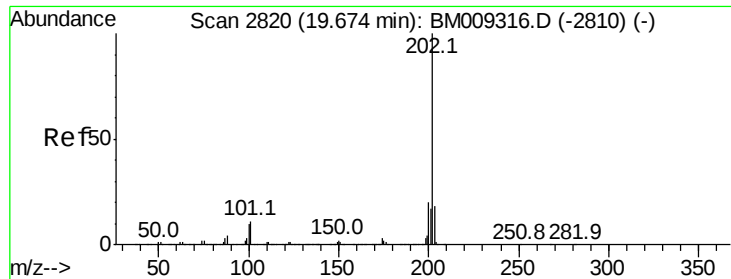
mohammad
 3/31/2017 8:21:40 AM



#76
 Benzidine
 Concen: 25.08 ng
 RT: 19.49 min Scan# 2788
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	13.9	11.3	16.9
183	10.8	8.9	13.3





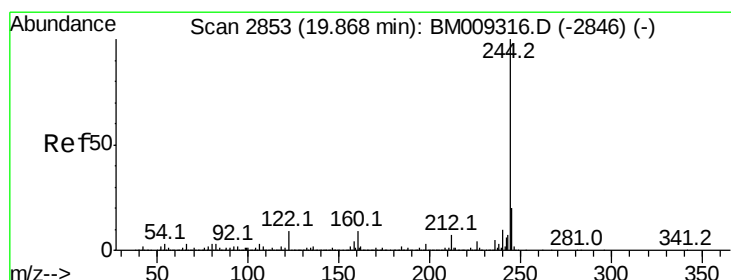
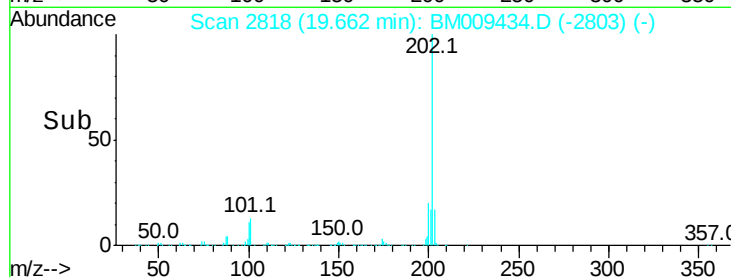
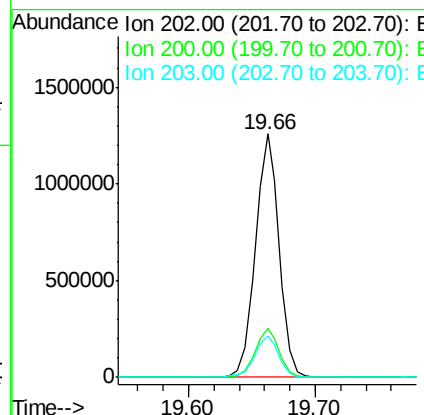
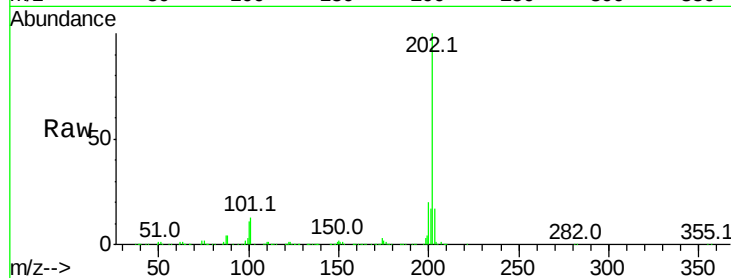
#77
Pvrene
Concen: 44.93 ng
RT: 19.66 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.9	25.3
203	17.1	14.1	21.1

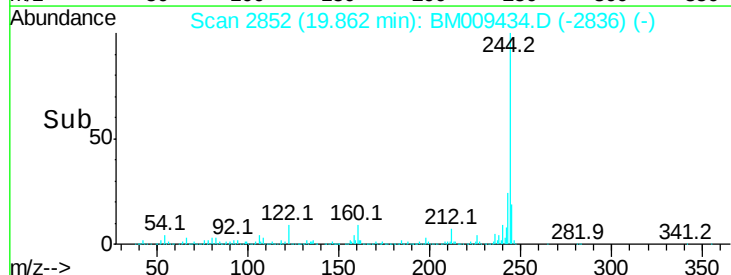
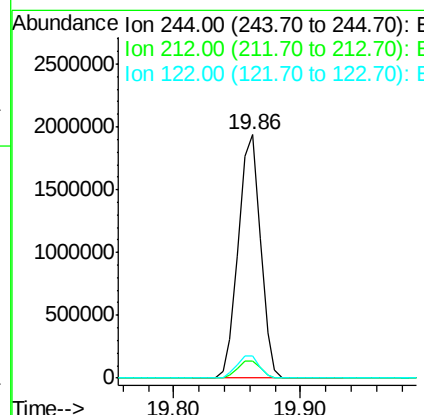
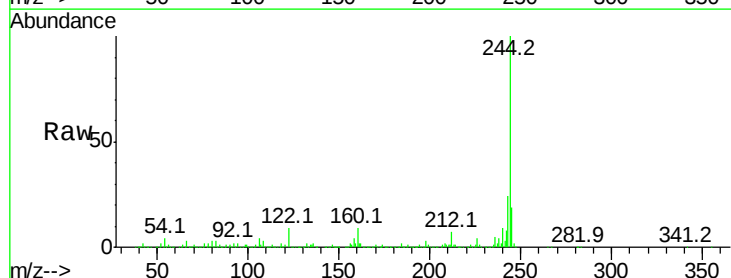
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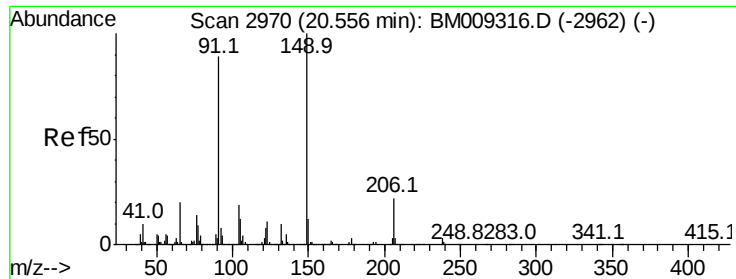
mohammad
3/31/2017 8:21:40 AM



#78
Terphenyl-d14
Concen: 76.07 ng
RT: 19.86 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	9.1	6.2	9.4





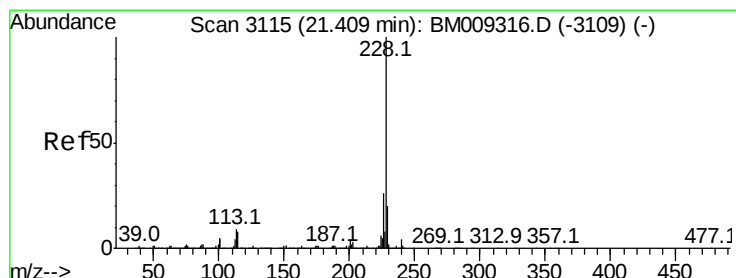
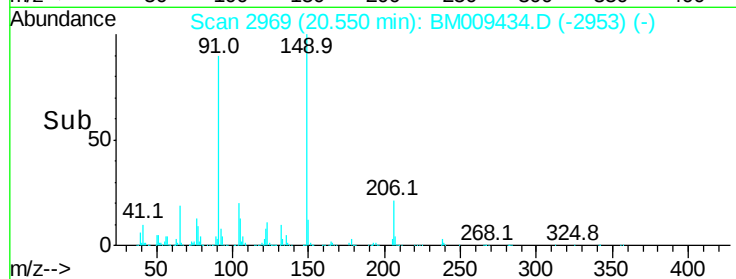
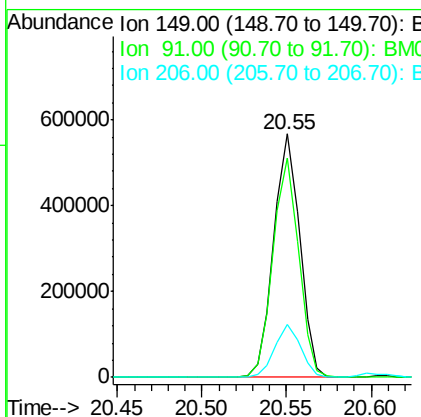
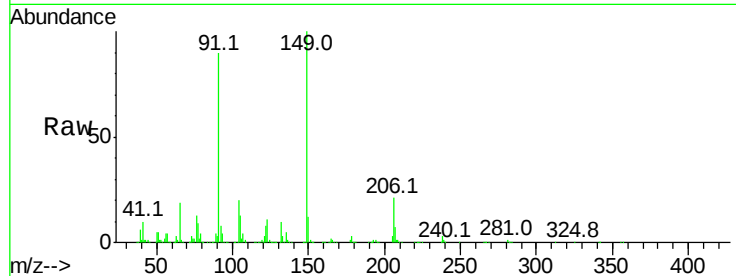
#79
Butylbenzylphthalate
Concen: 46.20 ng
RT: 20.55 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	603715		
91	89.8	50.1	75.1#	
206	21.5	16.2	24.2	

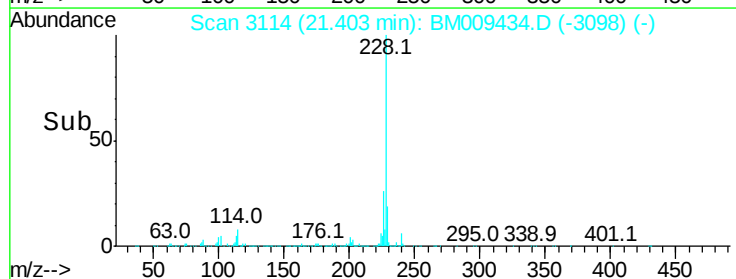
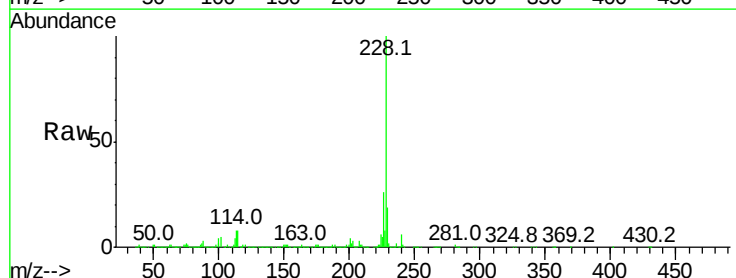
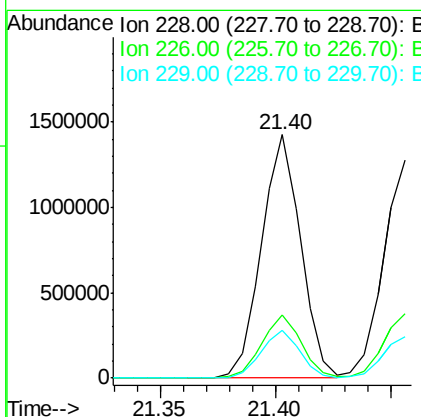
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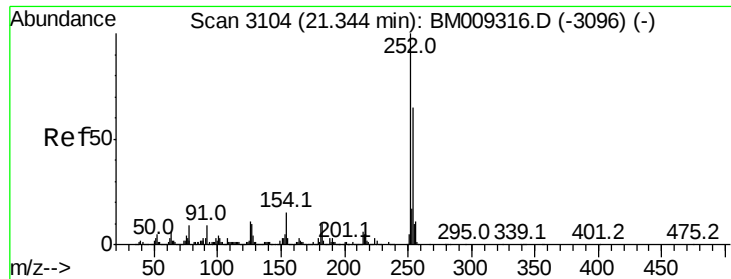
mohammad
3/31/2017 8:21:40 AM



#80
Benzo(a)anthracene
Concen: 45.03 ng
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1682836		
226	25.8	21.7	32.5	
229	19.4	16.0	24.0	





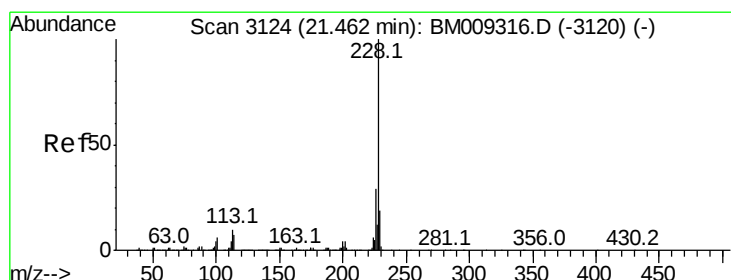
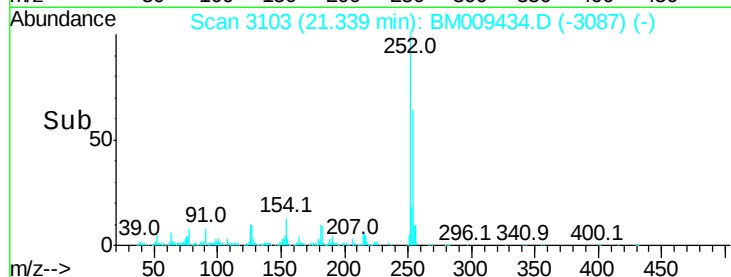
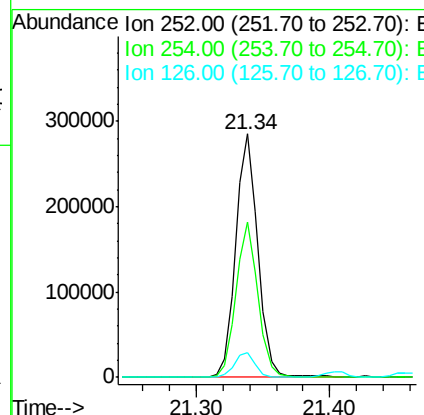
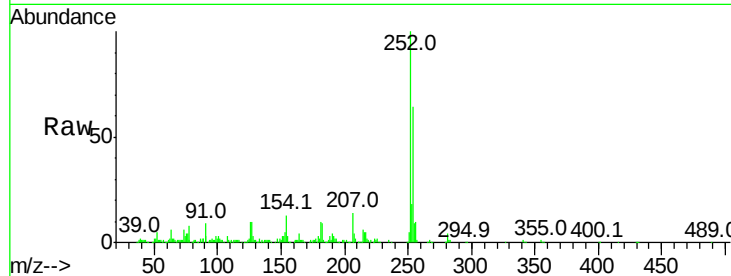
#81
 3,3'-Dichlorobenzidine
 Concen: 23.77 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

Instrument :
 BNA_M
 ClientSampleId :
 PB97904BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.9	77.9
126	10.2	9.8	14.8

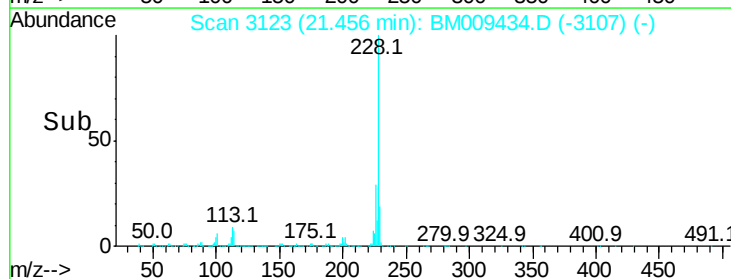
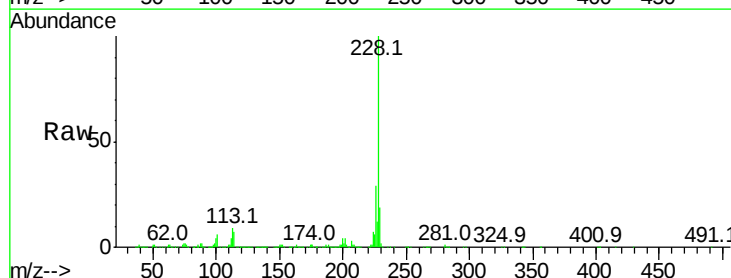
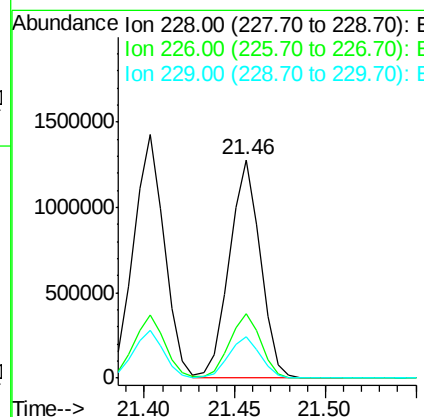
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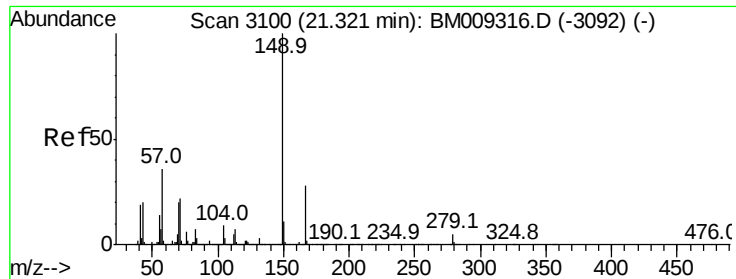
mohammad
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#82
 Chrysene
 Concen: 42.48 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	19.0	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.74 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

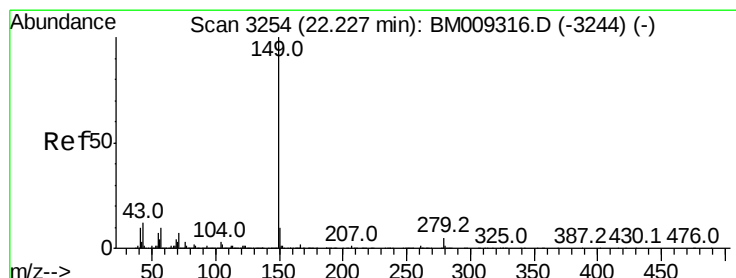
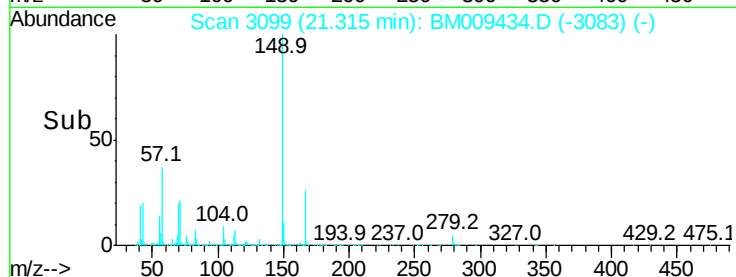
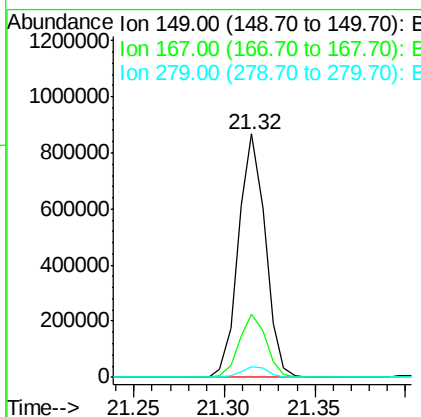
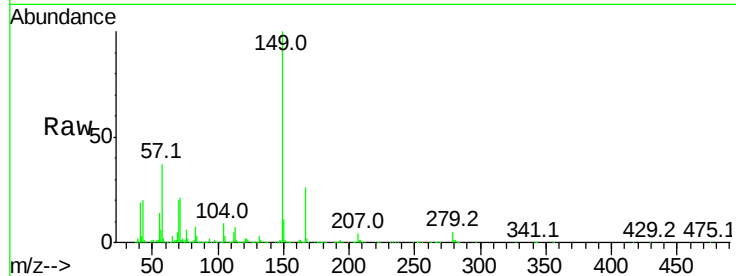
Instrument :
BNA_M

ClientSampleId :
PB97904BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	892096		
167	26.2		22.4	33.6
279	4.5		3.4	5.0

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#84

Di-n-octyl phthalate

Concen: 47.64 ng

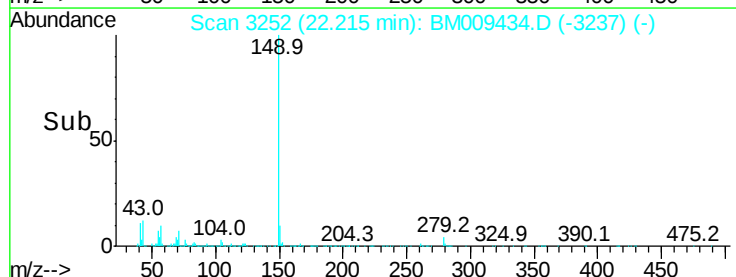
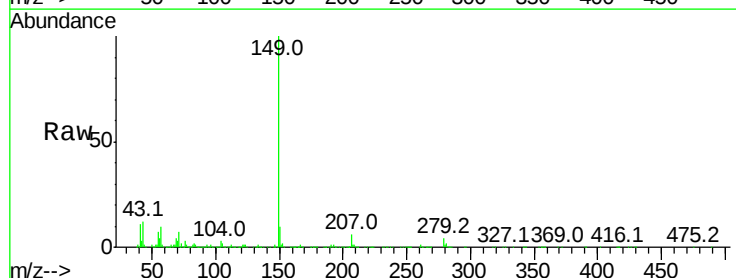
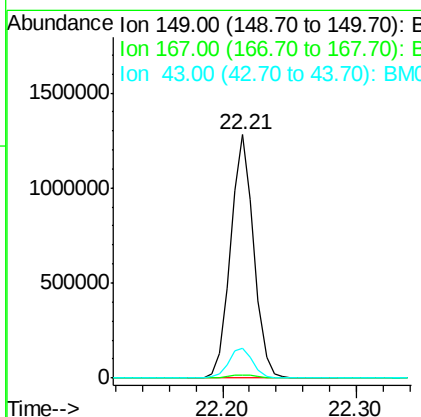
RT: 22.21 min Scan# 3252

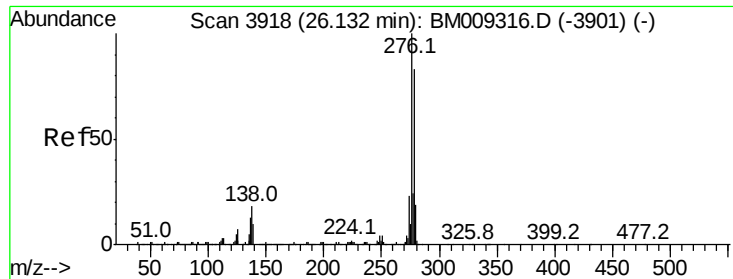
Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1546077		
167	1.8		1.2	1.8#
43	12.8		7.3	10.9#





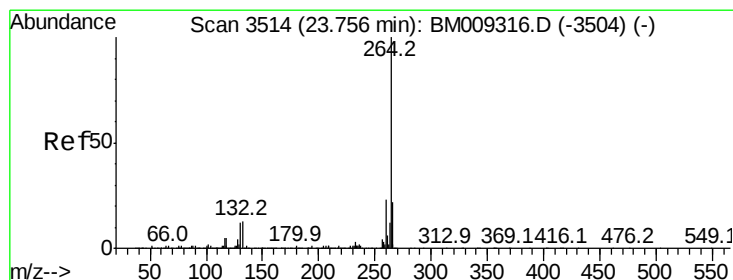
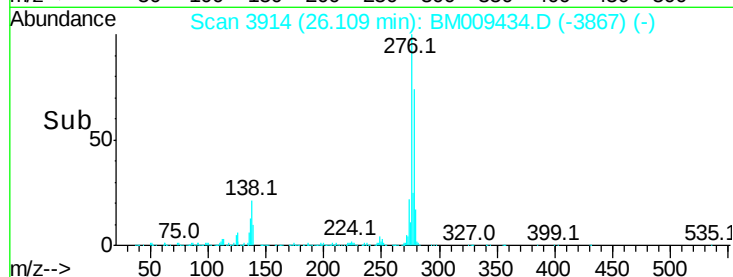
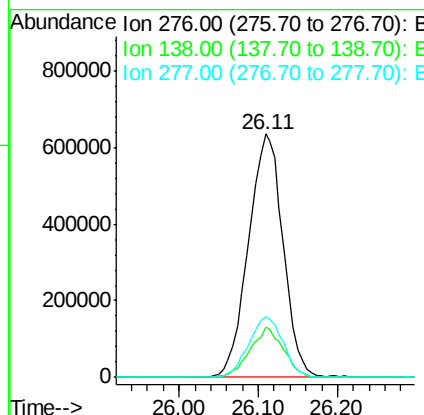
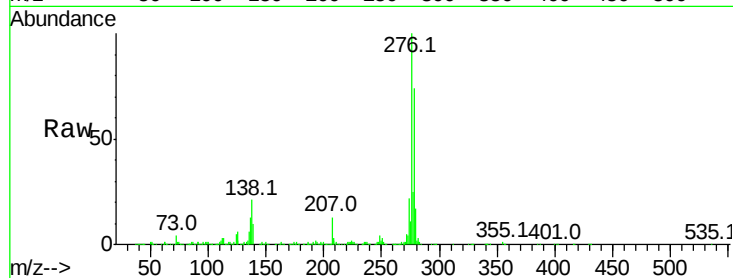
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.52 ng
RT: 26.11 min Scan# 3914
Delta R.T. -0.02 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	0.0	0.0#
277	25.0	0.0	0.0#

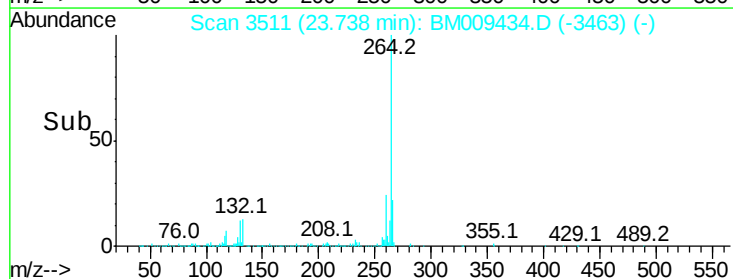
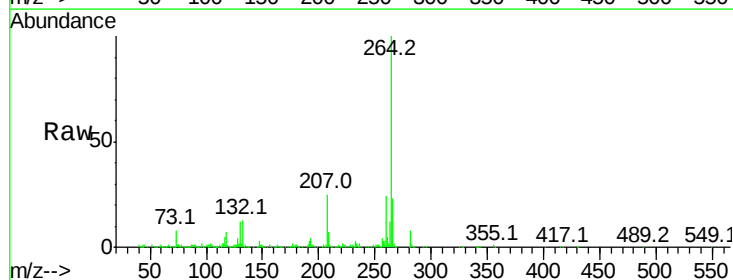
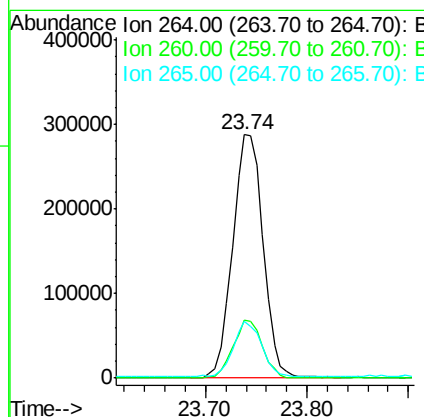
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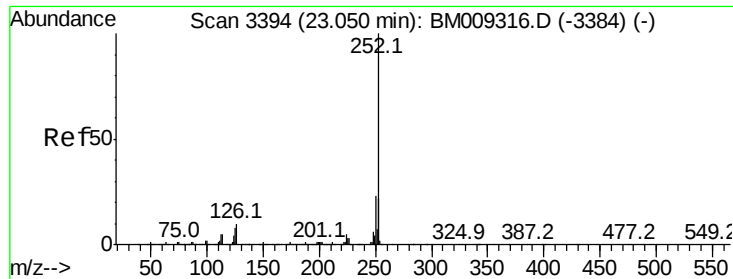
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	23.0	17.3	25.9





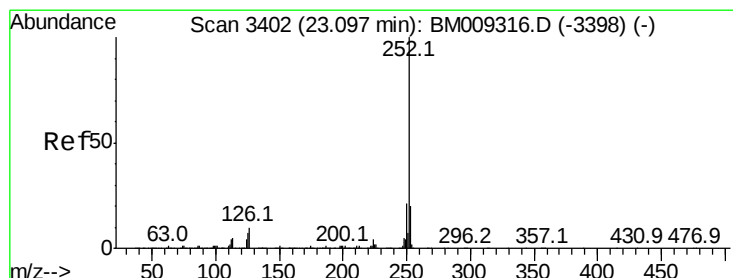
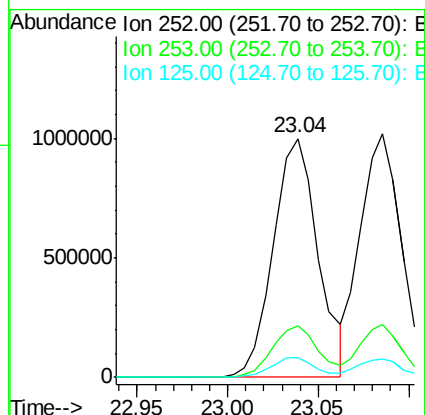
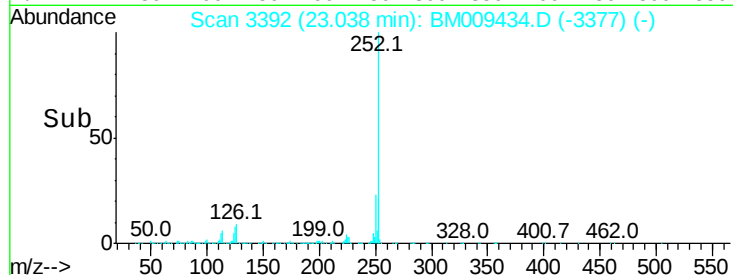
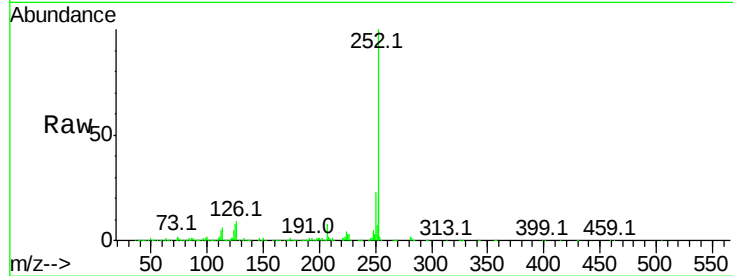
#87
Benzo(b)fluoranthene
Concen: 45.40 ng
RT: 23.04 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	8.0	9.9	14.9#

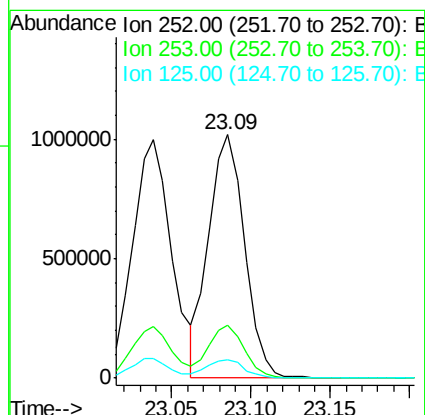
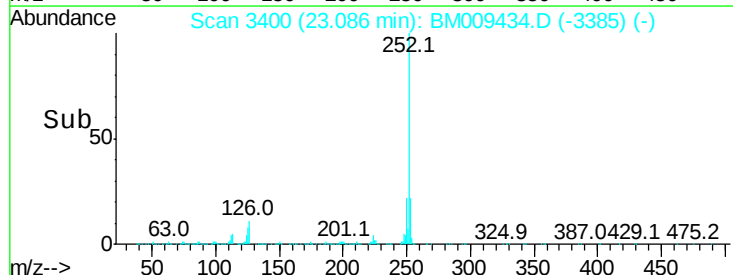
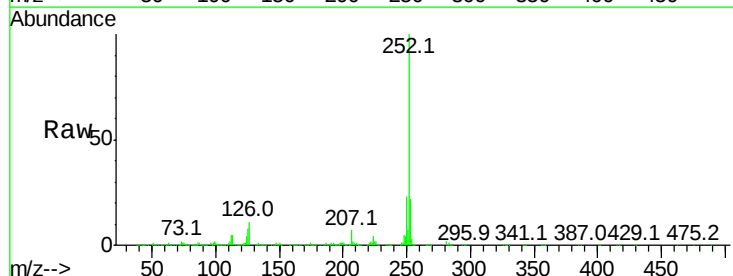
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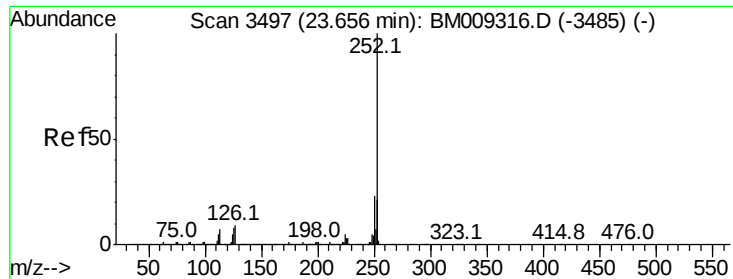
mohammad
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#88
Benzo(k)fluoranthene
Concen: 43.88 ng
RT: 23.09 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	7.7	8.1	12.1#





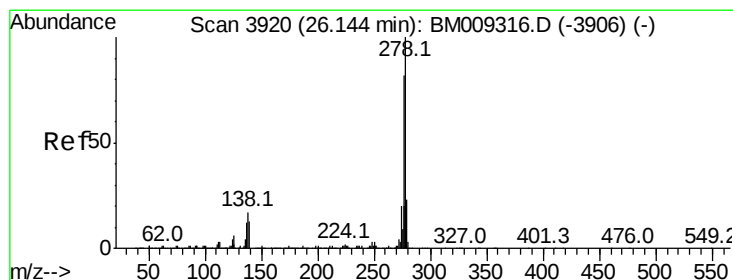
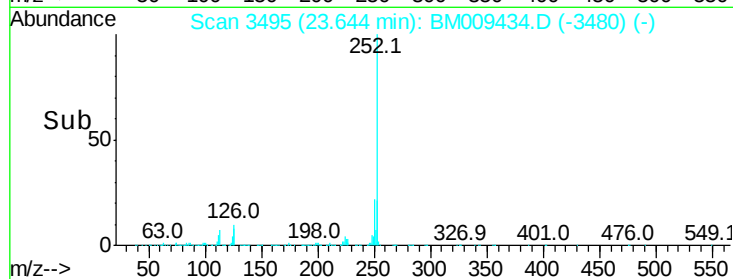
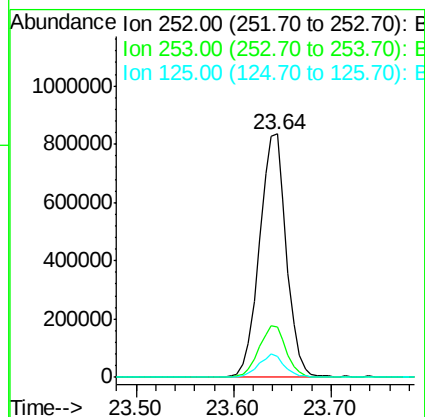
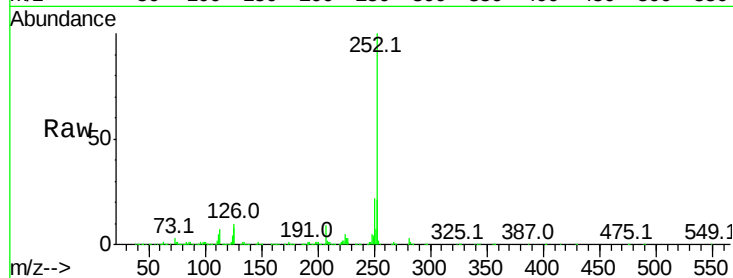
#89
Benzo(a)pyrene
Concen: 45.72 ng
RT: 23.64 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.6	26.4
125	8.4	7.4	11.2

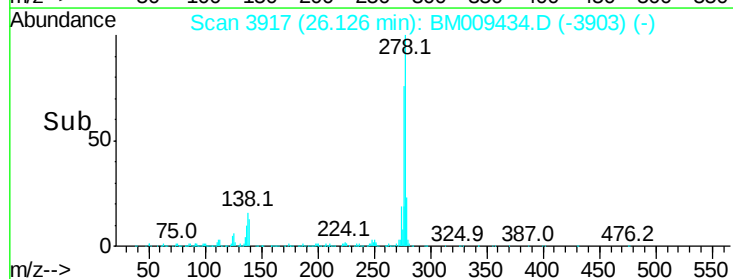
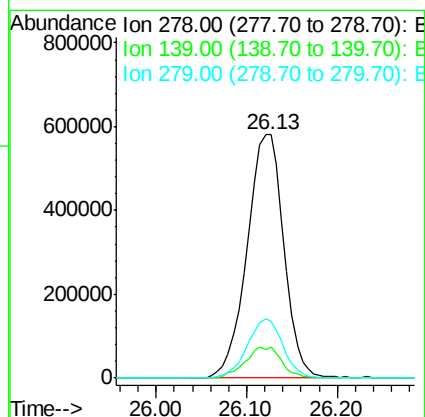
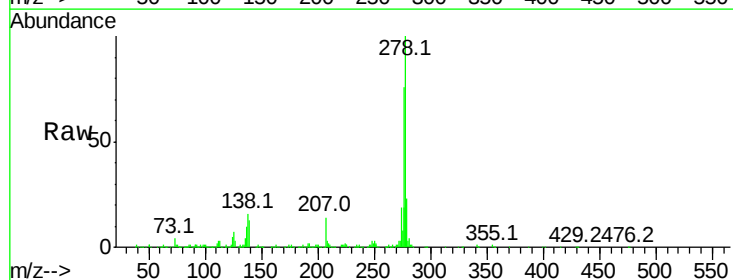
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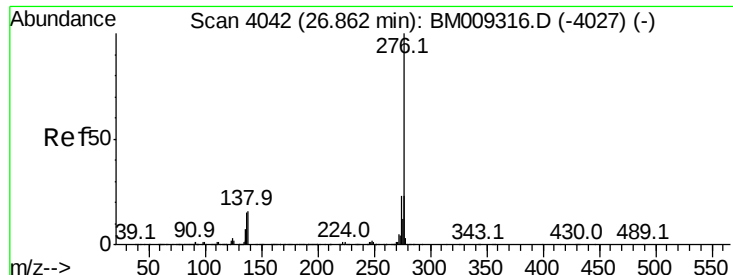
mohammad
3/31/2017 8:21:40 AM



#90
Dibenzo(a,h)anthracene
Concen: 47.40 ng
RT: 26.13 min Scan# 3917
Delta R.T. -0.02 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	13.4	20.0#
279	23.3	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 47.70 ng

RT: 26.84 min Scan# 4038

Delta R.T. -0.02 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

Tot Ion:276 Resp: 1605990

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 16.0 19.0 28.6#

Manual Integrations

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mohammad

3/31/2017 8:21:40 AM

