

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
 Data File : BM009478.D
 Acq On : 31 Mar 2017 17:47
 Operator : SJ/MA
 Sample : PB97950BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BS

Manual Integrations
 APPROVED

mohammad
 4/3/2017 11:49:41 AM

Quant Time: Mar 31 23:15:13 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	111268	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	449644	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	273858	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	646882	20.00	ng	-0.01
75) Chrysene-d12	21.41	240	882147	20.00	ng	-0.01
86) Perylene-d12	23.74	264	837026	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	994244	148.94	ng	-0.01
7) Phenol-d6	7.01	99	1398190	153.60	ng	-0.01
23) Nitrobenzene-d5	9.02	82	1015212	84.65	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	552124	162.29	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	1977328	87.00	ng	-0.01
78) Terphenyl-d14	19.86	244	3300160	78.17	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	117072	34.88	ng	# 100
3) Pyridine	3.75	79	368992	38.90	ng	# 80
4) n-Nitrosodimethylamine	3.67	42	223694	44.30	ng	# 69
6) Aniline	7.18	93	235229	19.01	ng	# 86
8) 2-Chlorophenol	7.41	128	335402	49.55	ng	# 79
9) Benzaldehyde	6.99	77	80762	11.27	ng	86
10) Phenol	7.03	94	494442	50.13	ng	91
11) bis(2-Chloroethyl)ether	7.27	93	356416	44.08	ng	84
12) 1,3-Dichlorobenzene	7.73	146	354662	43.77	ng	# 88
13) 1,4-Dichlorobenzene	7.88	146	363336	43.39	ng	# 94
14) 1,2-Dichlorobenzene	8.20	146	360440	44.33	ng	95
15) Benzyl Alcohol	8.09	79	402223	50.54	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.37	45	607427	43.23	ng	95
17) 2-Methylphenol	8.28	107	311217	48.22	ng	# 86
18) Hexachloroethane	8.92	117	154089	44.99	ng	# 86
19) n-Nitroso-di-n-propylamine	8.65	70	346626	47.23	ng	89
20) 3+4-Methylphenols	8.61	107	429818	48.98	ng	88
22) Acetophenone	8.67	105	571096	45.03	ng	# 90
24) Nitrobenzene	9.06	77	523902	44.59	ng	90
25) Isophorone	9.57	82	858229	46.91	ng	# 89
26) 2-Nitrophenol	9.76	139	162797	45.94	ng	# 51
27) 2,4-Dimethylphenol	9.81	122	337529	52.07	ng	# 84
28) bis(2-Chloroethoxy)methane	10.06	93	501891	44.31	ng	99
29) 2,4-Dichlorophenol	10.29	162	342346	50.52	ng	94
30) 1,2,4-Trichlorobenzene	10.50	180	371498	44.18	ng	95
31) Naphthalene	10.70	128	1048415	43.93	ng	98
32) Benzoic acid	9.94	122	190193	41.50	ng	# 80
33) 4-Chloroaniline	10.81	127	86032	9.34	ng	# 80
34) Hexachlorobutadiene	10.96	225	242418	42.10	ng	94
35) Caprolactam	11.59	113	104363m	50.44	ng	
36) 4-Chloro-3-methylphenol	11.93	107	398650	51.99	ng	# 80
37) 2-Methylnaphthalene	12.30	142	769988	46.74	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	440085	42.56	ng	# 100
40) Hexachlorocyclopentadiene	12.64	237	570268	96.10	ng	98

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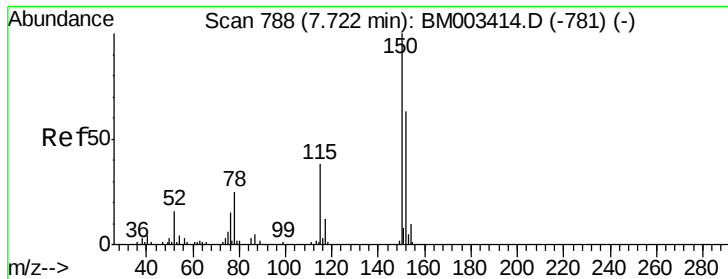
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	296317	50.12	nq	100
43) 2,4,5-Trichlorophenol	12.99	196	316822	48.03	nq #	90
45) 1,1'-Biphenyl	13.32	154	1038354	45.56	nq	98
46) 2-Chloronaphthalene	13.36	162	820062	46.32	nq	96
47) 2-Nitroaniline	13.58	65	324745	49.79	nq #	68
48) Acenaphthylene	14.22	152	1309668	45.42	nq	99
49) Dimethylphthalate	13.94	163	1027199	48.85	nq	99
50) 2,6-Dinitrotoluene	14.07	165	218837	48.30	nq #	63
51) Acenaphthene	14.56	154	801145	46.05	nq	97
52) 3-Nitroaniline	14.40	138	79201	17.74	nq #	46
53) 2,4-Dinitrophenol	14.62	184	235037	77.12	nq	97
54) Dibenzofuran	14.89	168	1309266	50.89	nq	94
55) 4-Nitrophenol	14.70	139	386637	104.78	nq #	14
56) 2,4-Dinitrotoluene	14.86	165	315294	51.43	nq	97
57) Fluorene	15.54	166	1076156	46.54	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.12	232	299952	53.76	nq #	100
59) Diethylphthalate	15.31	149	1066362	49.99	nq	98
60) 4-Chlorophenyl-phenylether	15.53	204	552936	45.79	nq	98
61) 4-Nitroaniline	15.57	138	231698	47.78	nq #	34
62) Azobenzene	15.83	77	1374368	55.19	nq	86
64) 4,6-Dinitro-2-methylphenol	15.62	198	184707	45.32	nq	89
65) n-Nitrosodiphenylamine	15.75	169	928713	47.26	nq	100
66) 4-Bromophenyl-phenylether	16.43	248	350344	46.74	nq #	91
67) Hexachlorobenzene	16.54	284	378780	46.11	nq #	89
68) Atrazine	16.70	200	345237	46.72	nq	98
69) Pentachlorophenol	16.89	266	470005	93.66	nq	99
70) Phenanthrene	17.28	178	1703522	46.05	nq	99
71) Anthracene	17.37	178	1789826	47.79	nq	99
72) Carbazole	17.64	167	1605729	44.77	nq	98
73) Di-n-butylphthalate	18.20	149	1867017	50.96	nq #	97
74) Fluoranthene	19.30	202	2144442	48.94	nq	99
76) Benzidine	19.49	184	523022	19.89	nq	99
77) Pyrene	19.66	202	2225351	44.48	nq	99
79) Butylbenzylphthalate	20.55	149	903367	50.14	nq #	75
80) Benzo(a)anthracene	21.40	228	2408618	46.75	nq	98
81) 3,3'-Dichlorobenzidine	21.34	252	409618	21.23	nq	99
82) Chrysene	21.46	228	2202688	44.77	nq	99
83) Bis(2-ethylhexyl)phthalate	21.31	149	1322715	49.20	nq	99
84) Di-n-octyl phthalate	22.21	149	2401479	53.68	nq #	91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2735832	50.99	nq #	100
87) Benzo(b)fluoranthene	23.04	252	2508271	47.27	nq #	95
88) Benzo(k)fluoranthene	23.09	252	2344988	45.96	nq #	97
89) Benzo(a)pyrene	23.64	252	2349768	47.83	nq	99
90) Dibenzo(a,h)anthracene	26.12	278	2309600	47.98	nq #	95
91) Benzo(g,h,i)perylene	26.84	276	2238384	47.71	nq #	93

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



#1

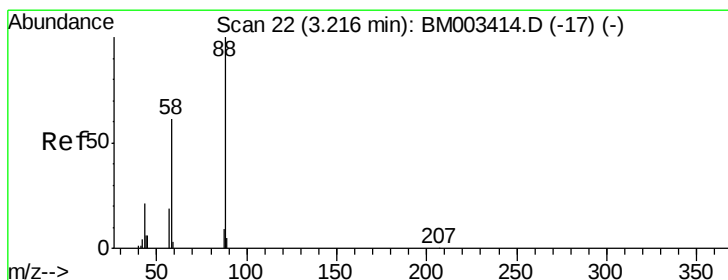
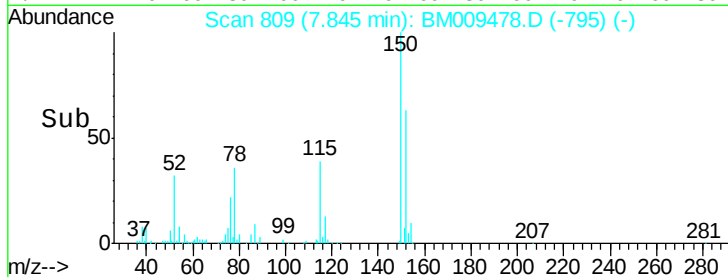
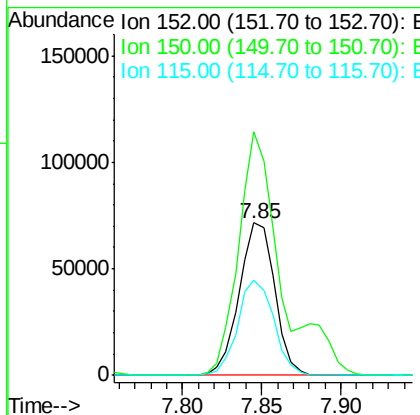
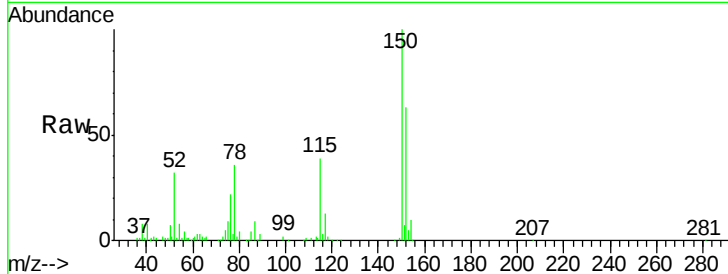
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampled :
PB97950BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	119.5	179.3
115	62.6	43.0	64.4

Manual Integrations
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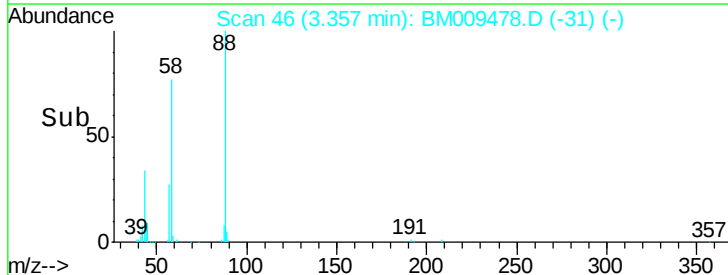
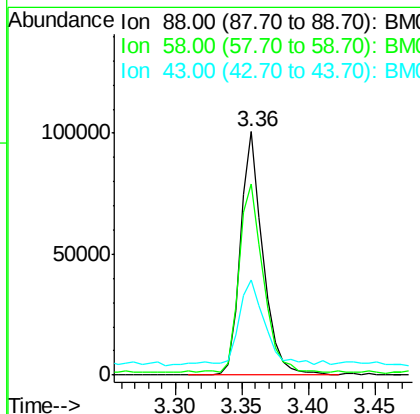
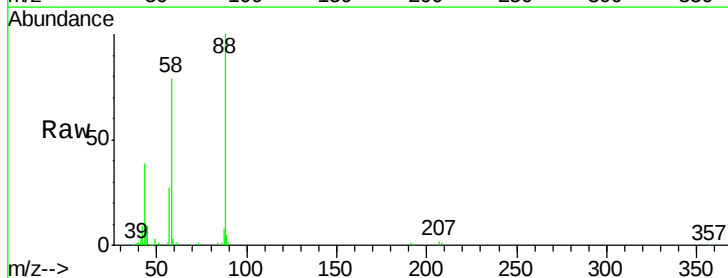
mohammad
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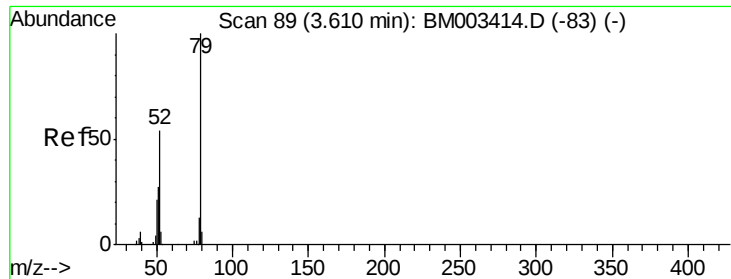


#2

1,4-Dioxane
Concen: 34.88 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.5	0.0	0.0#
43	38.9	0.0	0.0#





#3

Pvridine

Concen: 38.90 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BM009478.D

Acq: 31 Mar 2017 17:47

Instrument :

BNA_M

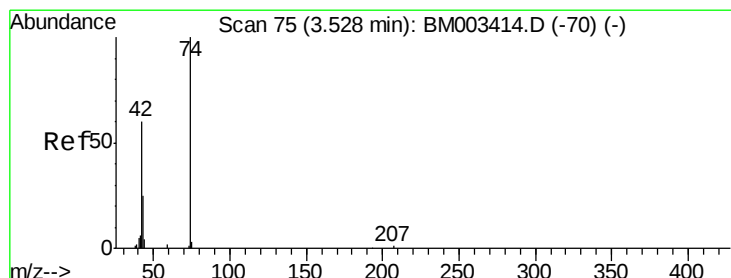
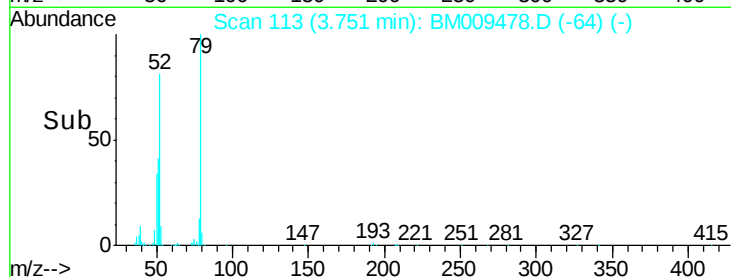
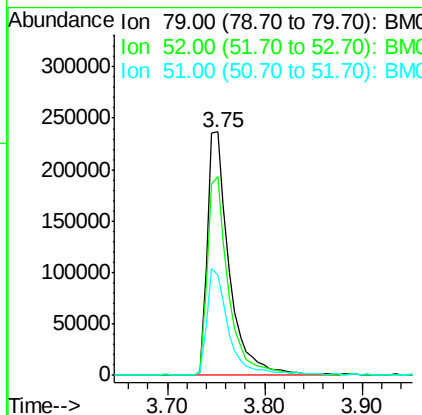
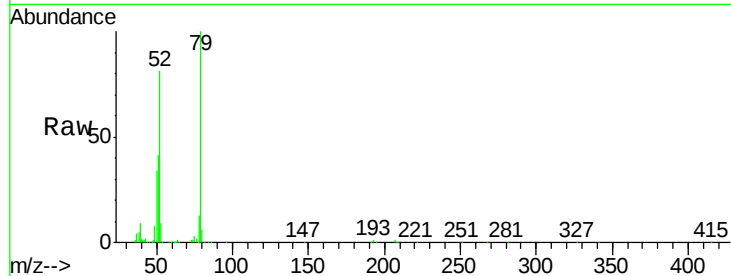
ClientSampleId :

PB97950BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.5	51.1	76.7#
51	41.3	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 44.30 ng

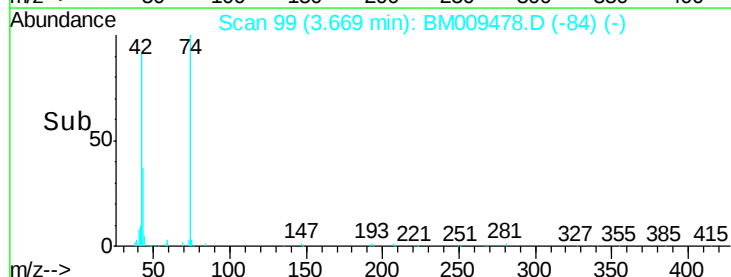
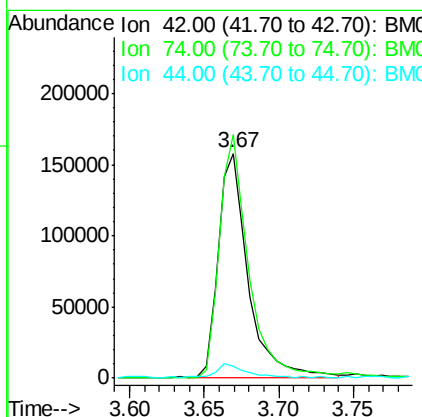
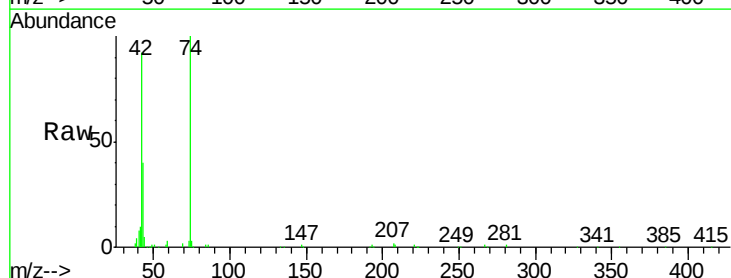
RT: 3.67 min Scan# 99

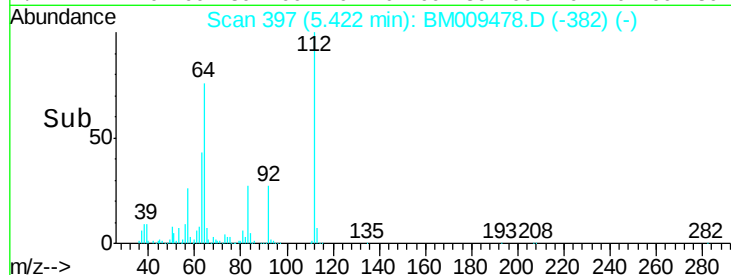
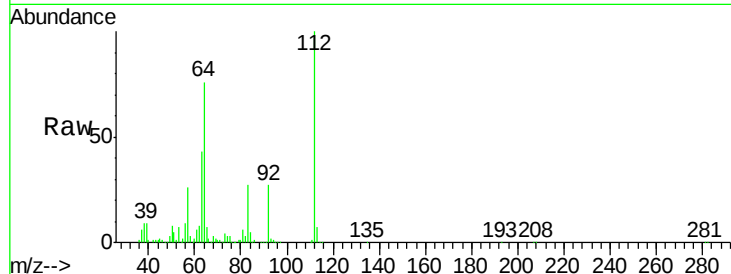
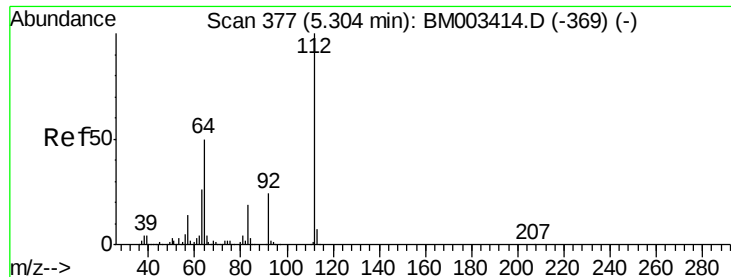
Delta R.T. -0.01 min

Lab File: BM009478.D

Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	108.3	119.3	178.9#
44	5.5	5.4	8.2





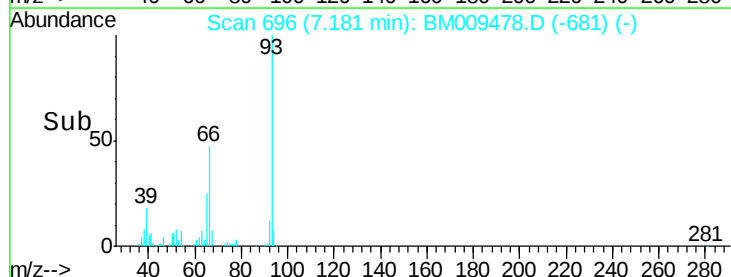
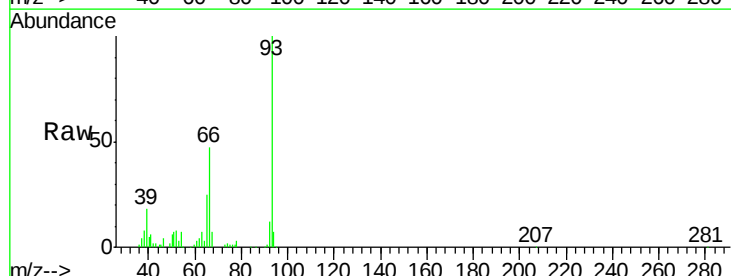
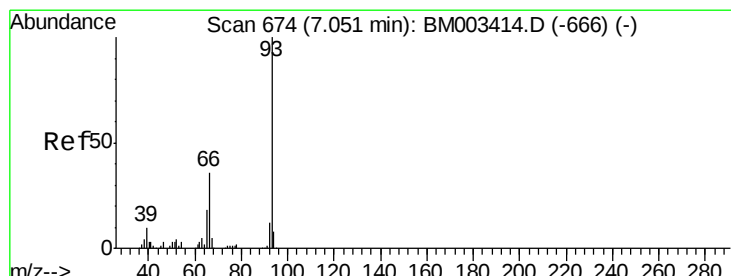
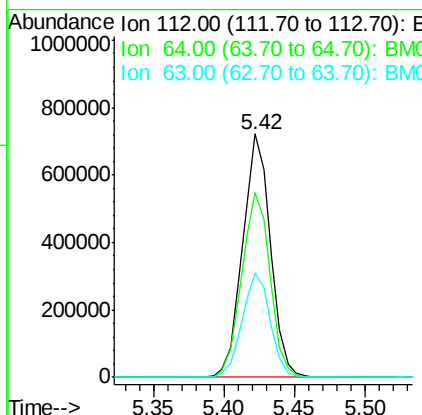
#5
2-Fluorophenol
Concen: 148.94 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tot Ion	Ratio	Resp	Lower	Upper
112	100	994244		
64	76.1	38.6	57.8#	
63	42.7	19.3	28.9#	

Instrument :
BNA_M
ClientSampleId :
PB97950BS

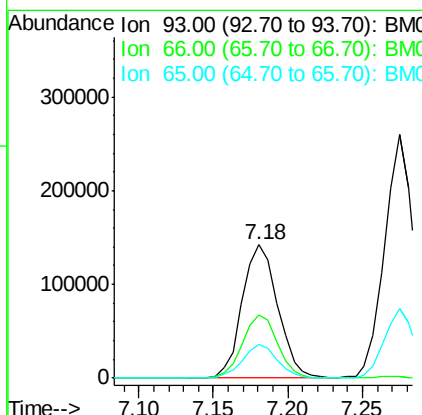
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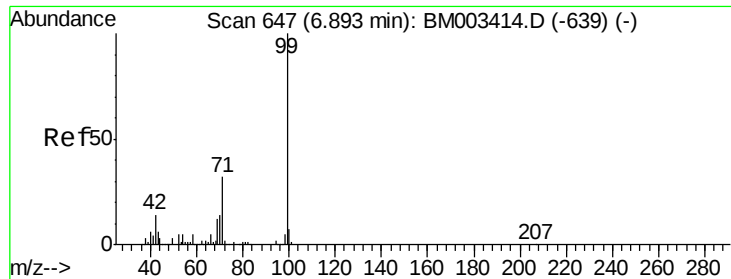
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#6
Aniline
Concen: 19.01 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	235229		
66	47.5	30.8	46.2#	
65	25.3	16.0	24.0#	





#7

Phenol-d6

Concen: 153.60 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009478.D

Acq: 31 Mar 2017 17:47

Instrument :

BNA_M

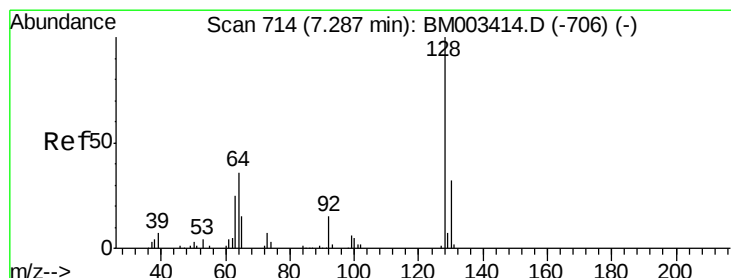
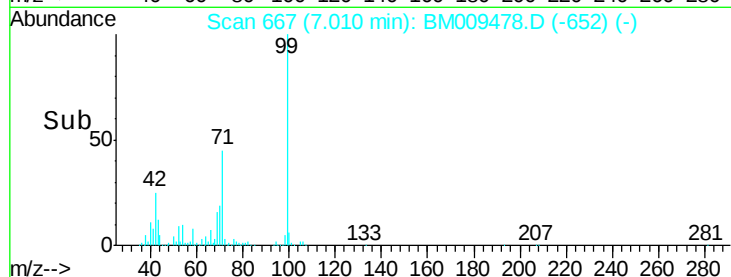
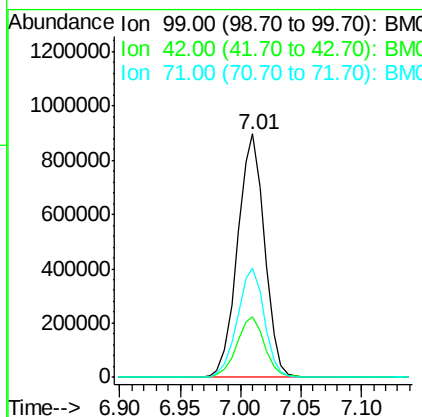
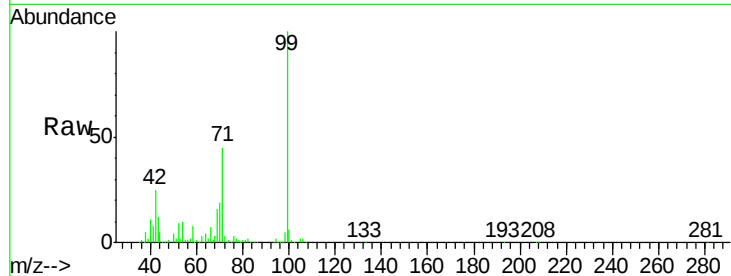
ClientSampleId :

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Tot Ion:	99	Resp:	1398190
Ion	Ratio	Lower	Upper
99	100		
42	25.0	11.0	16.4#
71	44.7	23.4	35.2#

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#8

2-Chlorophenol

Concen: 49.55 ng

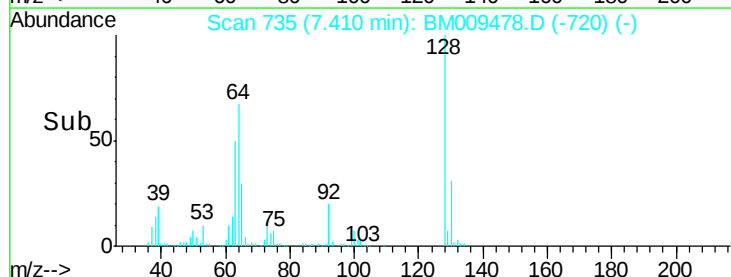
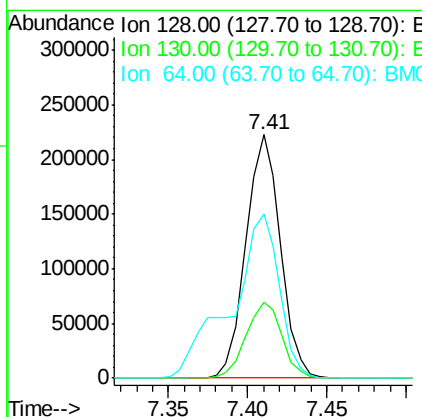
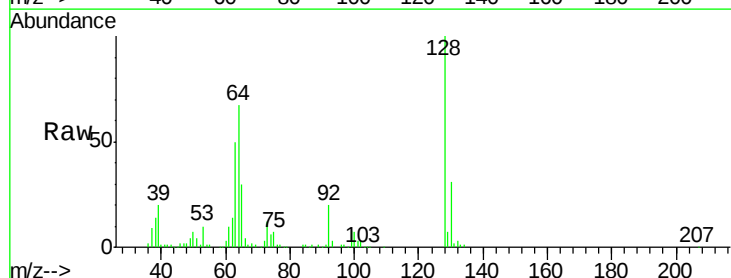
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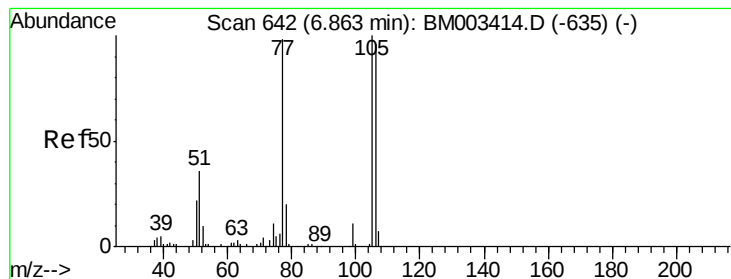
Delta R.T. -0.01 min

Lab File: BM009478.D

Acq: 31 Mar 2017 17:47

Tgt Ion:	128	Resp:	335402
Ion	Ratio	Lower	Upper
128	100		
130	31.1	12.0	52.0
64	67.5	24.9	64.9#





#9

Benzaldehyde

Concen: 11.27 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.02 min

Lab File: BM009478.D

Acq: 31 Mar 2017 17:47

Instrument :

BNA_M

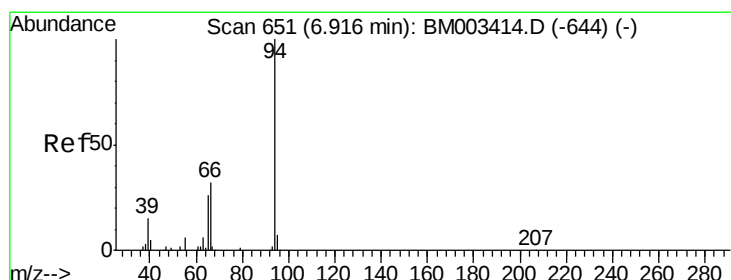
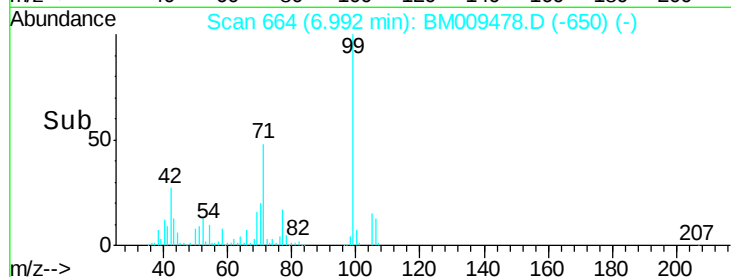
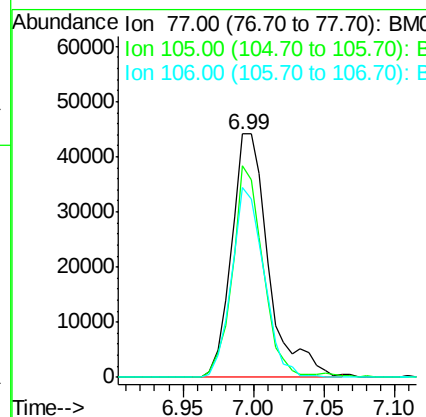
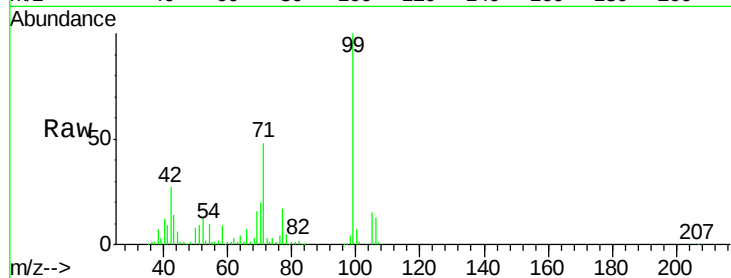
ClientSampleId :

PB97950BS

Tot Ion:	77	Resp:	80762
Ion	Ratio	Lower	Upper
77	100		
105	87.1	78.8	118.8
106	78.2	73.7	113.7

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#10

Phenol

Concen: 50.13 ng

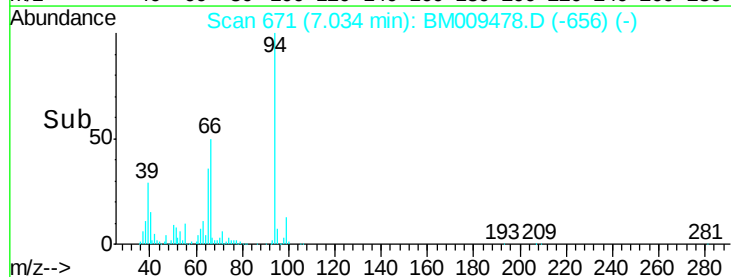
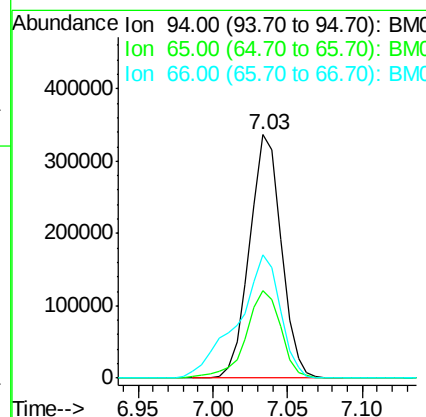
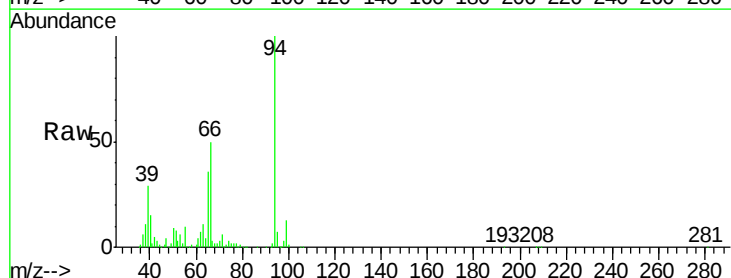
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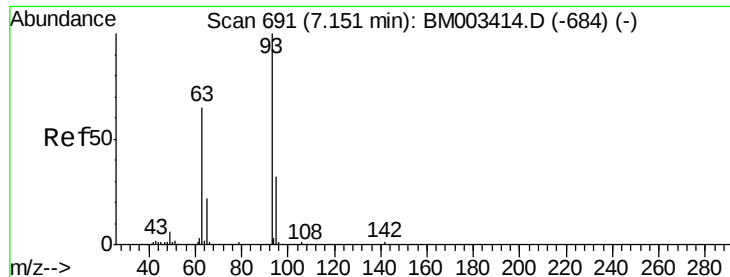
Delta R.T. -0.01 min

Lab File: BM009478.D

Acq: 31 Mar 2017 17:47

Tgt Ion:	94	Resp:	494442
Ion	Ratio	Lower	Upper
94	100		
65	36.0	18.8	58.8
66	50.4	39.9	79.9





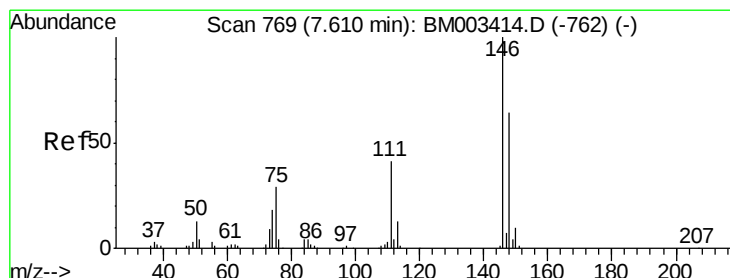
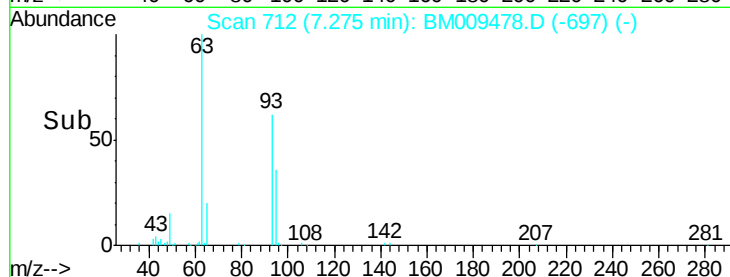
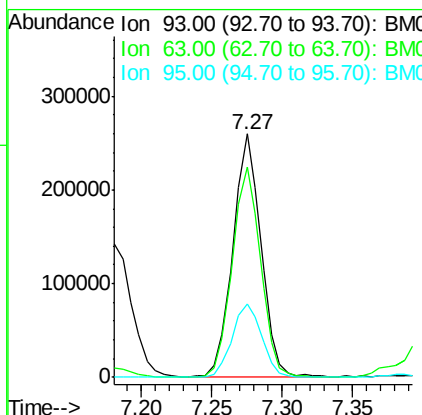
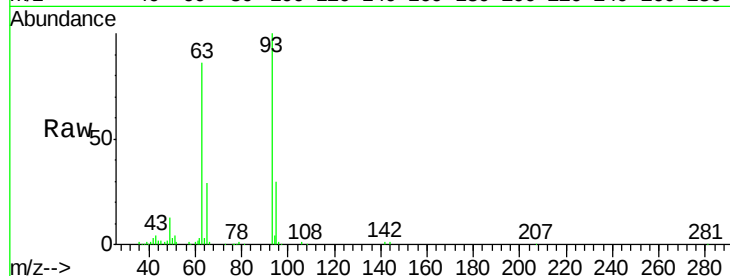
#11
bis(2-Chloroethyl)ether
Concen: 44.08 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
63	86.4	49.5	89.5		
95	30.2	13.5	53.5		

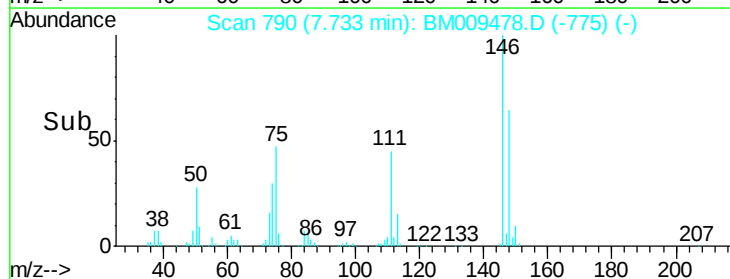
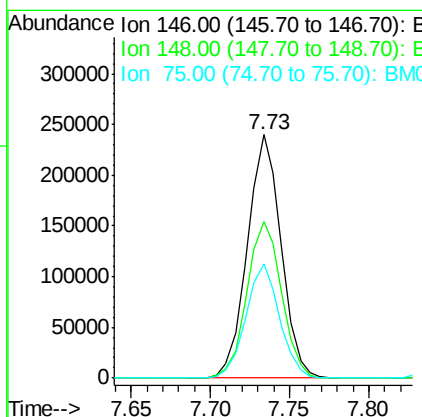
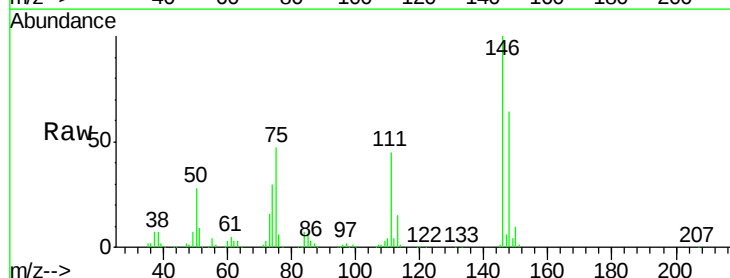
Manual Integrations
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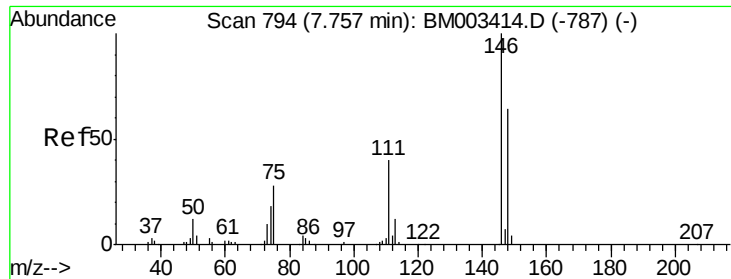
mohammad
4/3/2017 11:49:41 AM



#12
1,3-Dichlorobenzene
Concen: 43.77 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100				
148	64.1	50.9	76.3		
75	46.8	21.4	32.2		





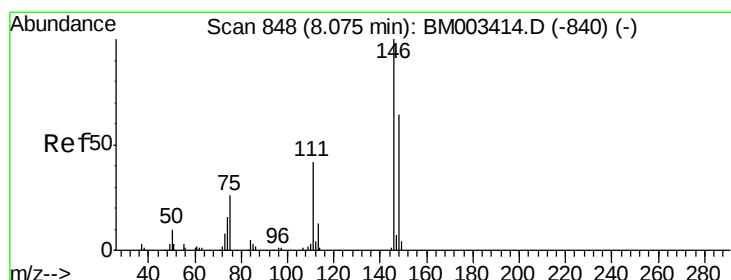
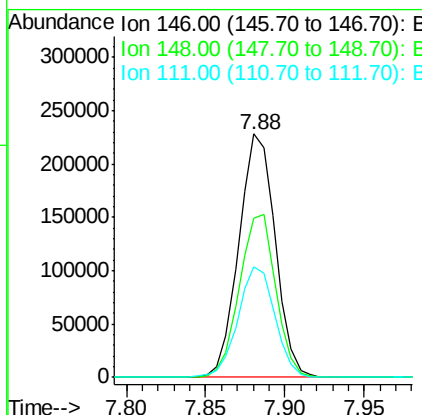
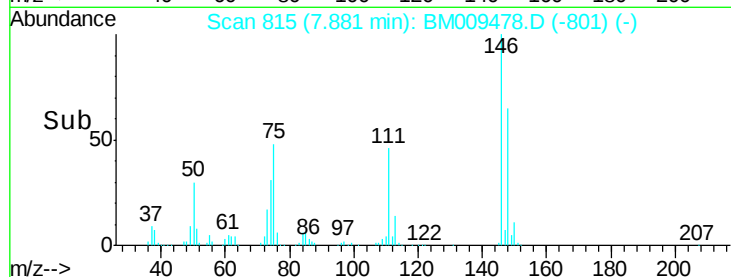
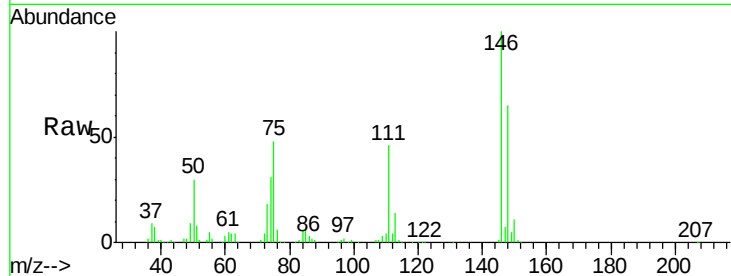
#13
 1,4-Dichlorobenzene
 Concen: 43.39 ng
 RT: 7.88 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BM009478.D
 Acq: 31 Mar 2017 17:47

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.9	77.9
111	45.6	29.2	43.8

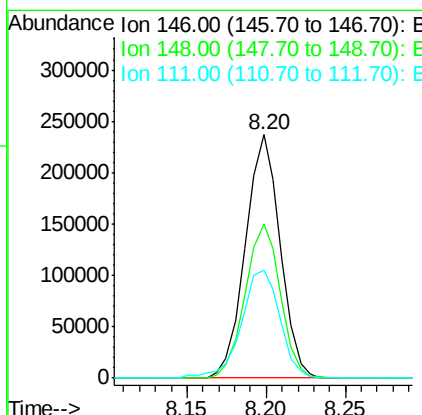
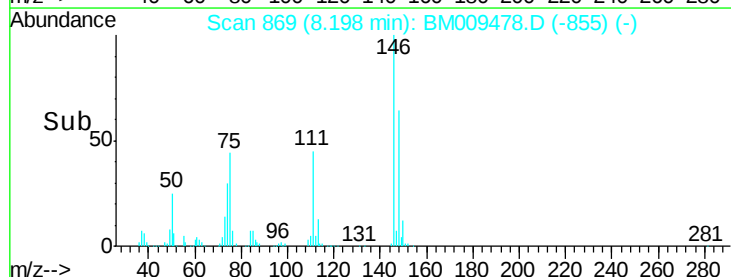
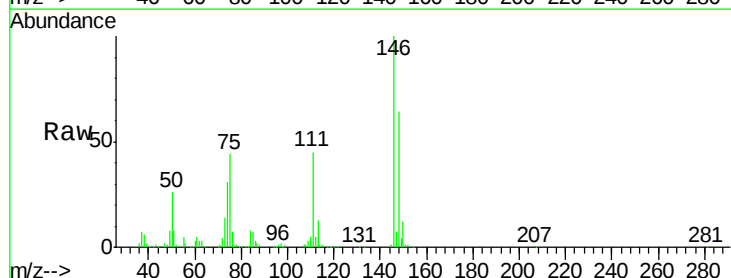
Manual Integrations
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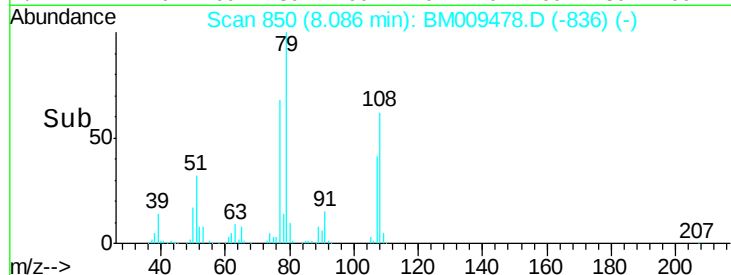
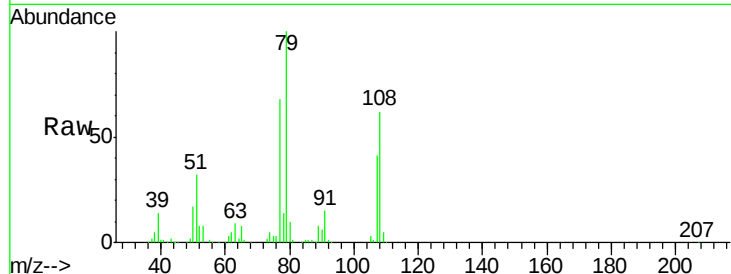
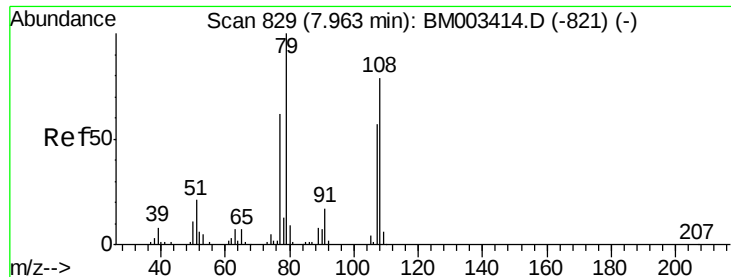
mohammad
 4/3/2017 11:49:41 AM



#14
 1,2-Dichlorobenzene
 Concen: 44.33 ng
 RT: 8.20 min Scan# 869
 Delta R.T. -0.02 min
 Lab File: BM009478.D
 Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.3	78.5
111	44.5	30.6	45.8





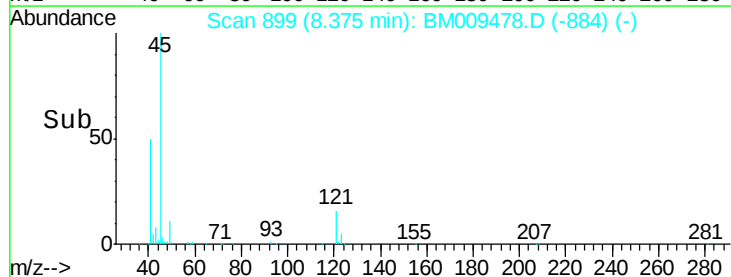
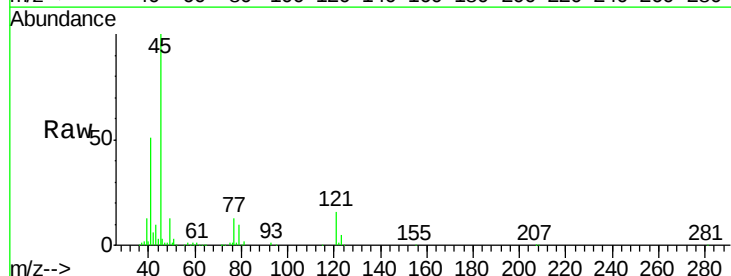
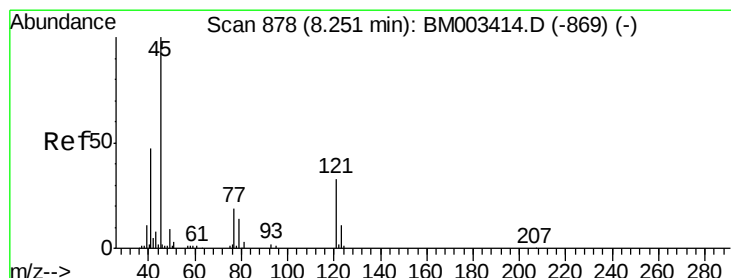
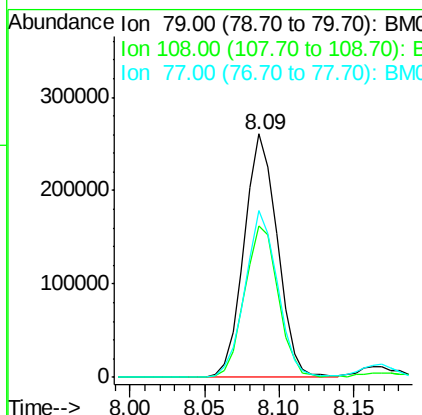
#15
Benzyl Alcohol
Concen: 50.54 ng
RT: 8.09 min Scan# 850
Delta R.T. -0.02 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tot Ion	Ratio	Lower	Upper
79	100		
108	62.2	65.0	97.4#
77	68.4	53.0	79.6

Instrument :
BNA_M
ClientSampleId :
PB97950BS

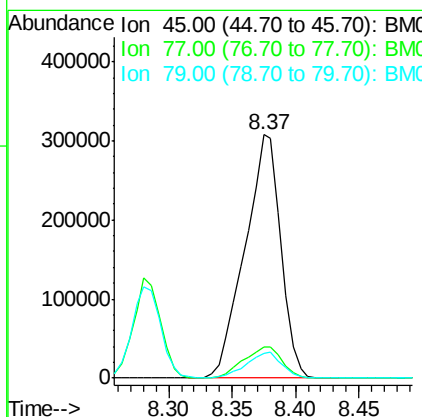
Manual Integrations
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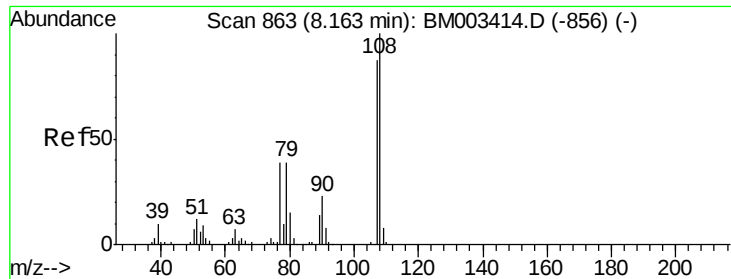
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.23 ng
RT: 8.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	35.2
79	10.3	0.0	32.0





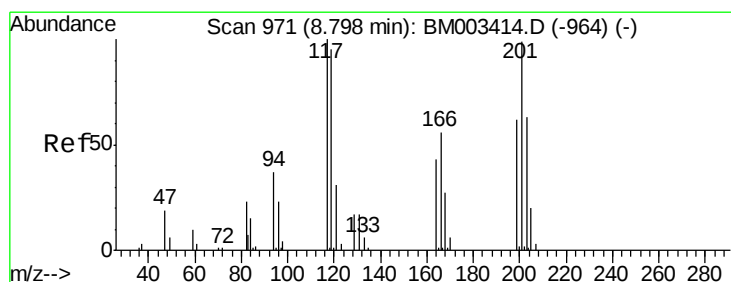
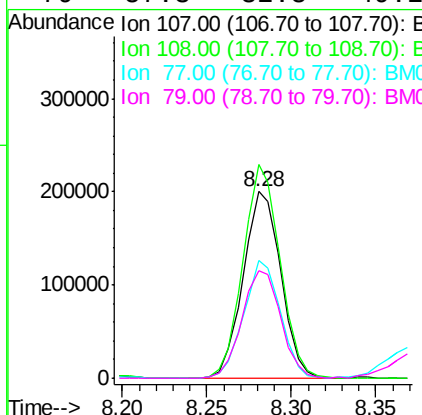
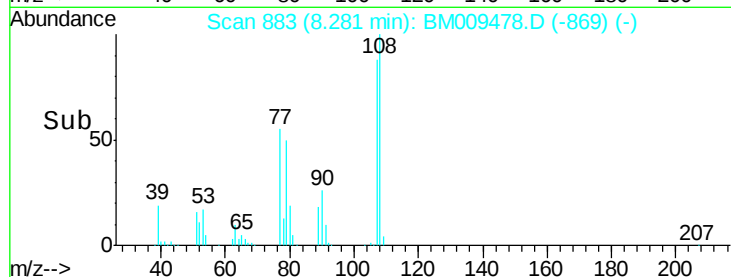
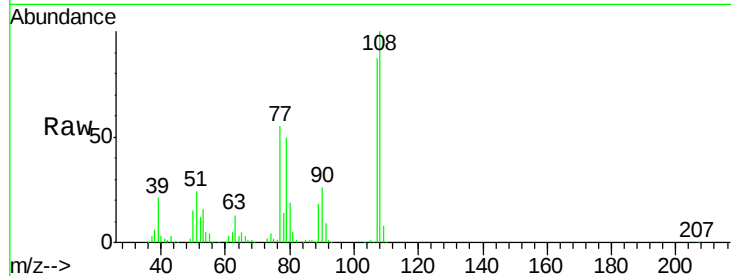
#17
2-Methylphenol
Concen: 48.22 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	114.4	89.8	134.8
77	63.4	32.6	48.8#
79	57.3	32.8	49.2#

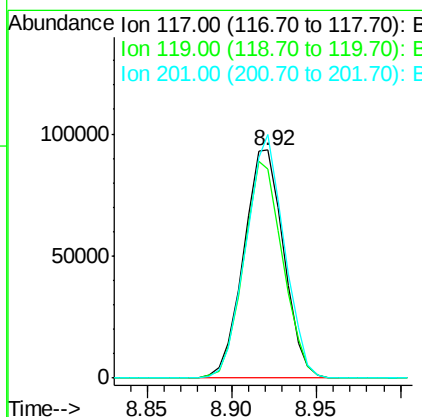
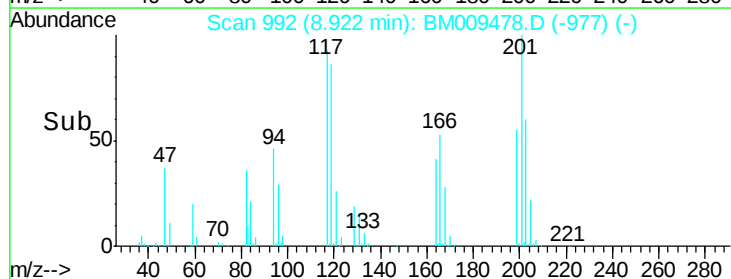
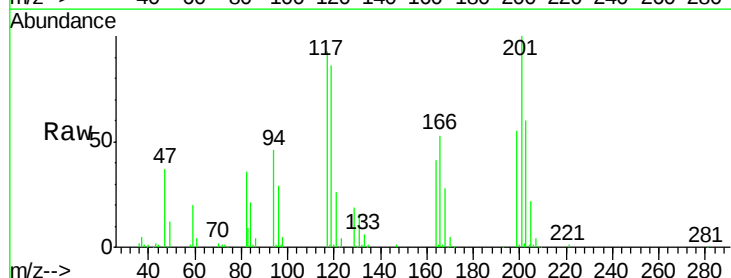
Manual Integrations
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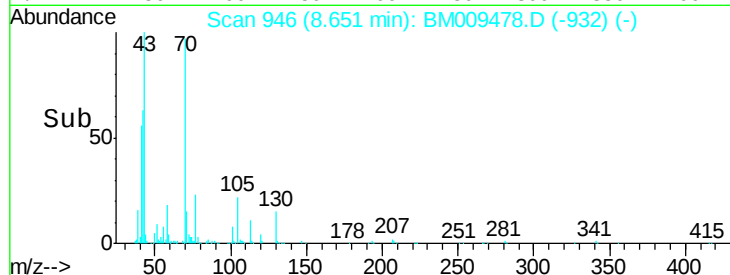
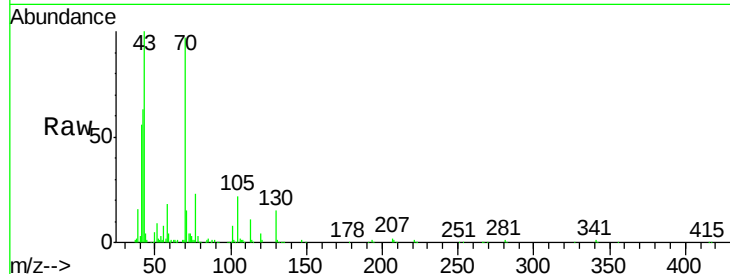
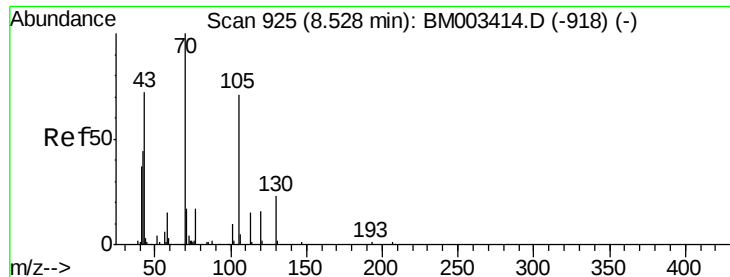
mohammad
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#18
Hexachloroethane
Concen: 44.99 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	91.8	79.2	118.8
201	107.0	69.8	104.6#





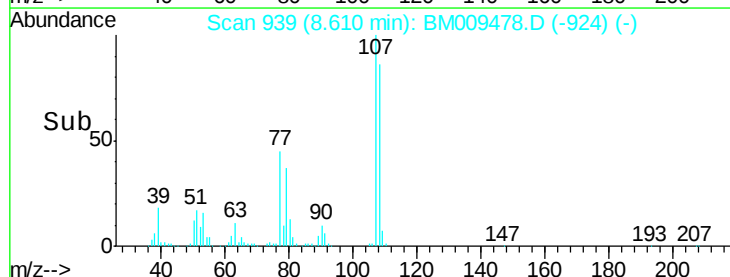
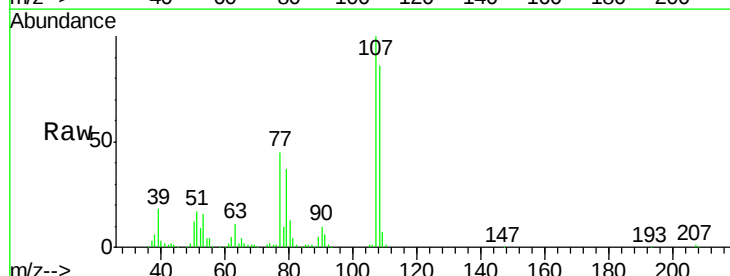
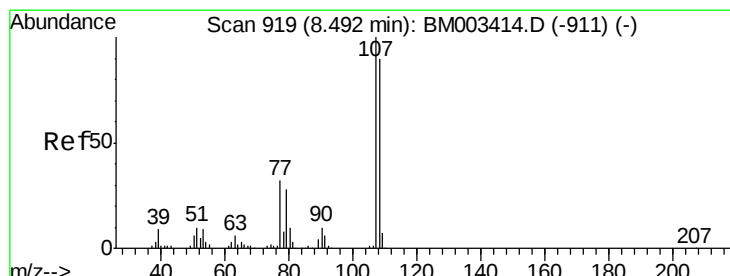
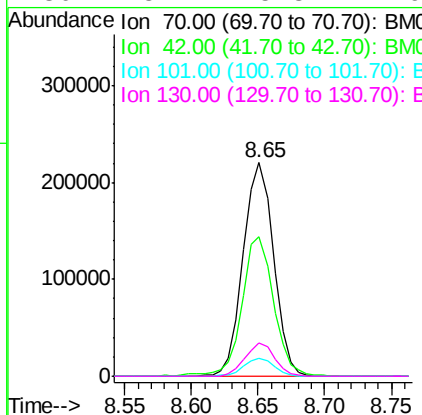
#19
n-Nitroso-di-n-propylamine
Concen: 47.23 ng
RT: 8.65 min Scan# 946
Delta R.T. -0.02 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.1	44.5	66.7	
101	8.4	7.4	11.2	
130	15.7	15.3	22.9	

Instrument :
BNA_M
ClientSampleId :
PB97950BS

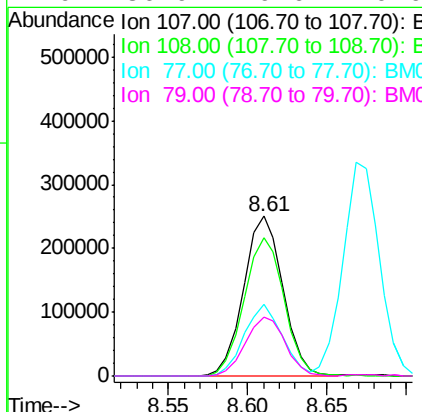
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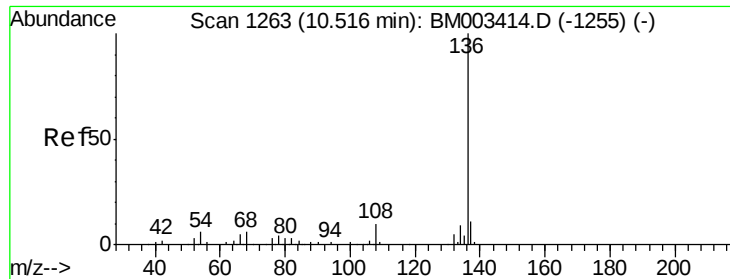
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#20
3+4-Methylphenols
Concen: 48.98 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.2	73.2	113.2	
77	44.7	10.7	50.7	
79	36.9	9.6	49.6	





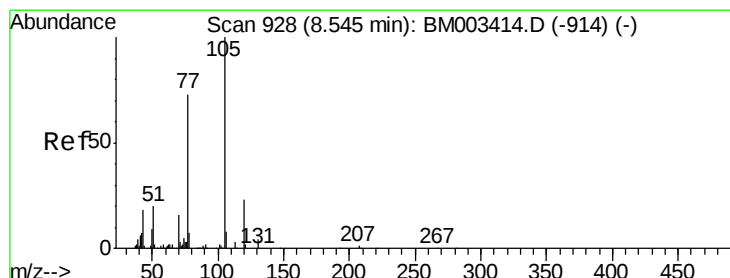
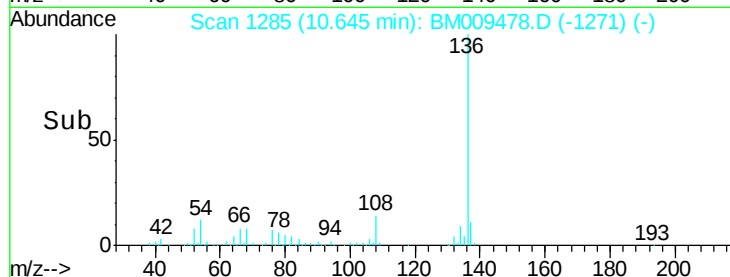
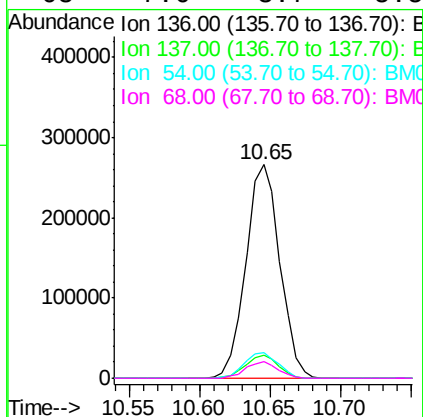
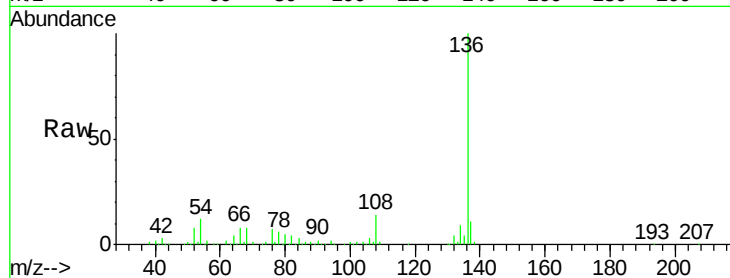
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		449644		
137	10.7	8.7	13.1		
54	11.8	4.6	6.8#		
68	7.6	3.7	5.5#		

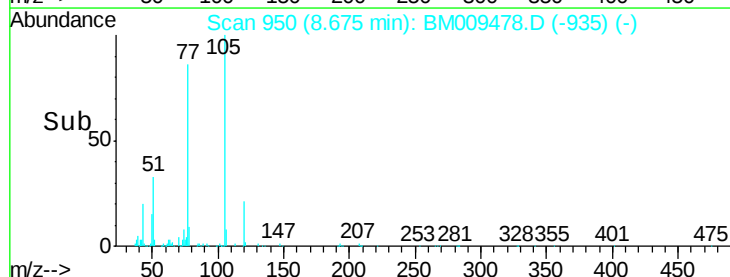
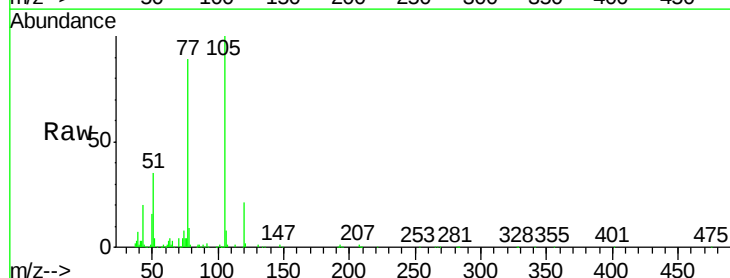
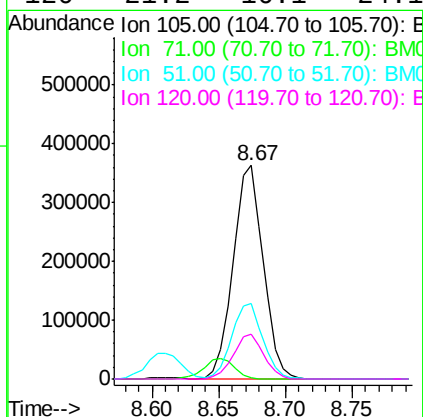
Manual Integrations
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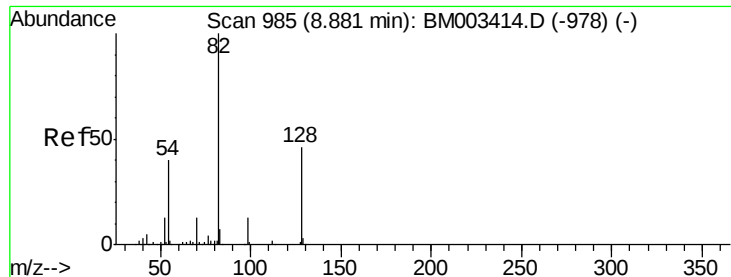
mohammad
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#22
Acetophenone
Concen: 45.03 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		571096		
71	0.5	0.6	1.0#		
51	35.5	21.6	32.4#		
120	21.2	16.1	24.1		





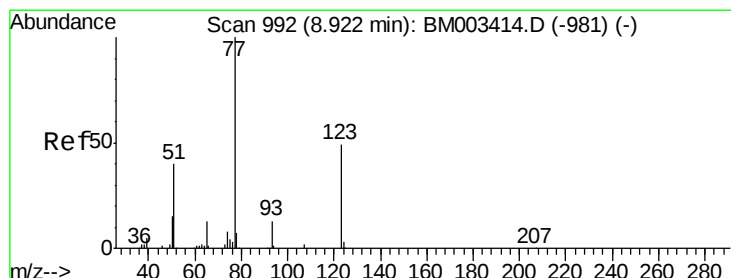
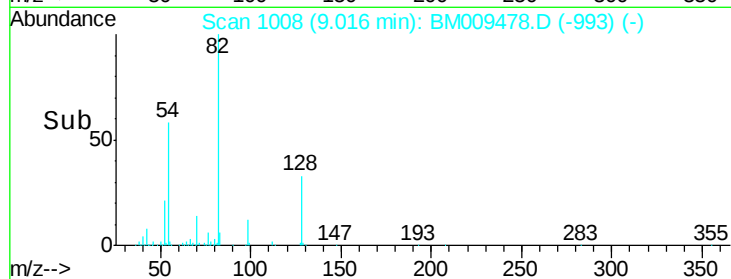
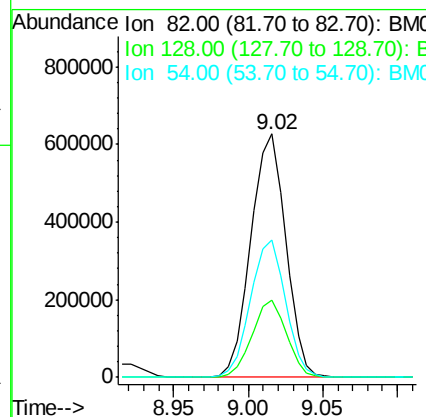
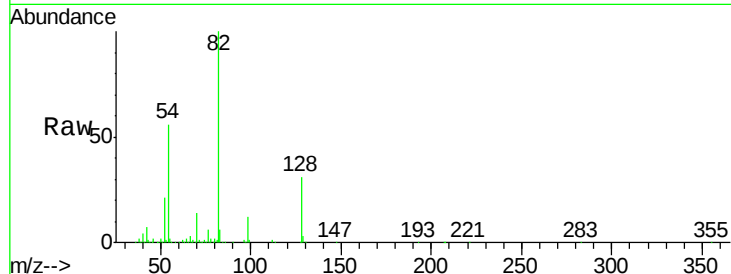
#23
 Nitrobenzene-d5
 Concen: 84.65 ng
 RT: 9.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BM009478.D
 Acq: 31 Mar 2017 17:47

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BS

Tot Ion: 82 Resp: 1015212
 Ion Ratio Lower Upper
 82 100
 128 31.5 32.8 49.2#
 54 56.2 40.6 60.8

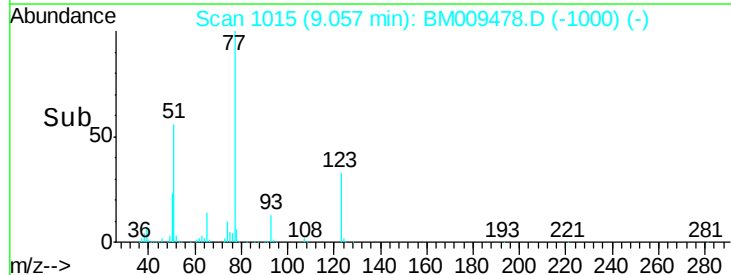
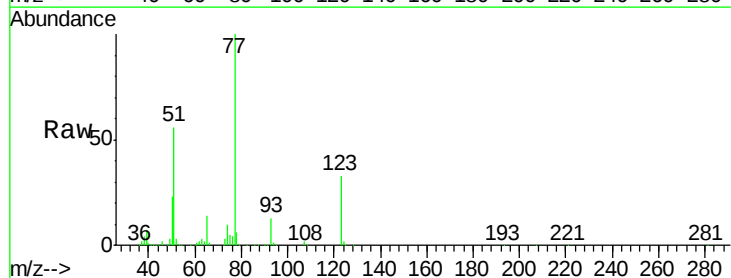
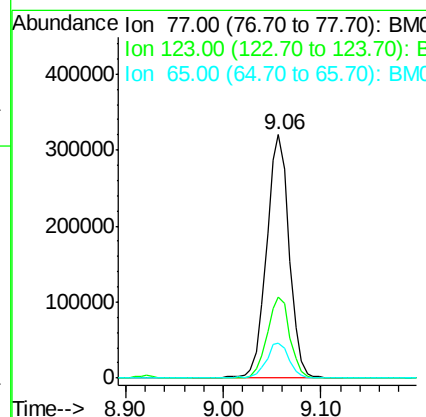
Manual Integrations
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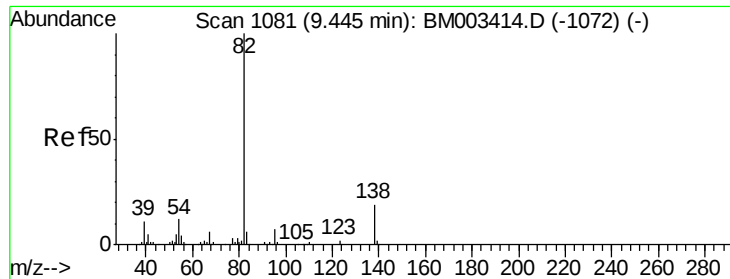
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#24
 Nitrobenzene
 Concen: 44.59 ng
 RT: 9.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BM009478.D
 Acq: 31 Mar 2017 17:47

Tgt Ion: 77 Resp: 523902
 Ion Ratio Lower Upper
 77 100
 123 33.3 32.6 49.0
 65 14.5 10.9 16.3





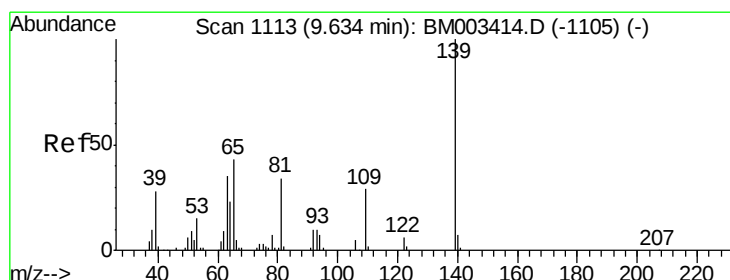
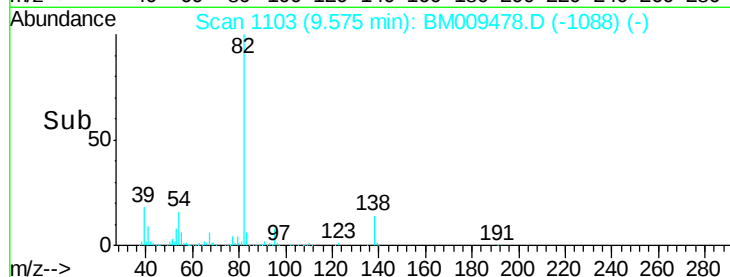
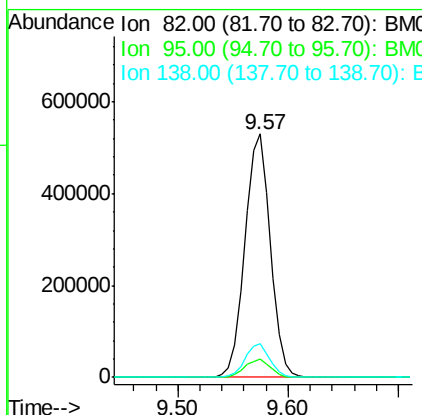
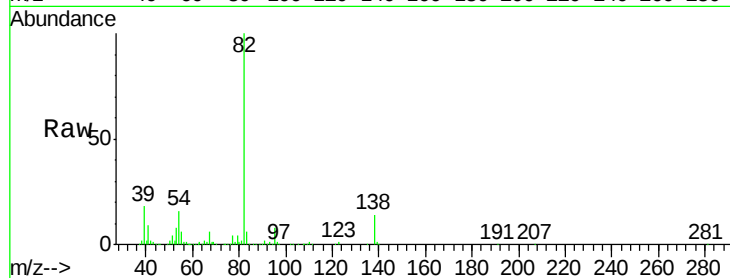
#25
Isophorone
Concen: 46.91 ng
RT: 9.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.8	8.6
138	13.7	16.3	24.5#

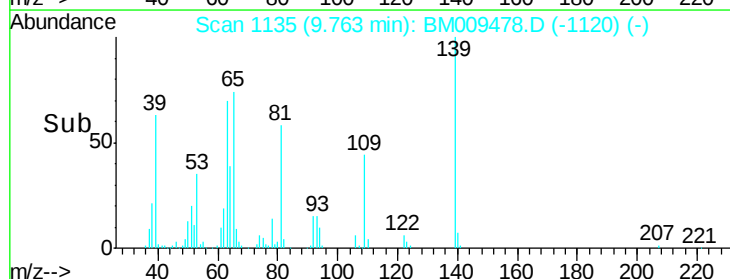
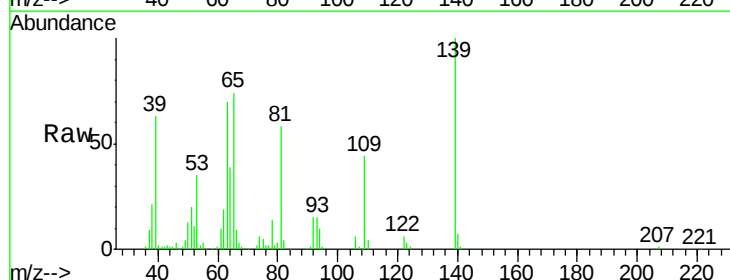
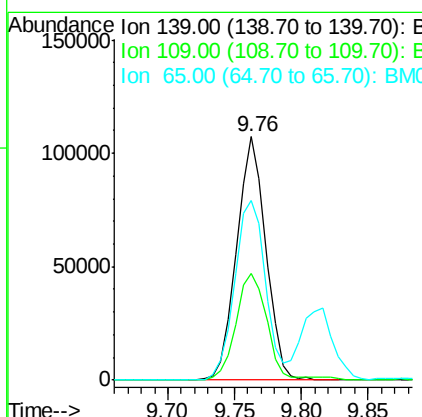
Manual Integrations
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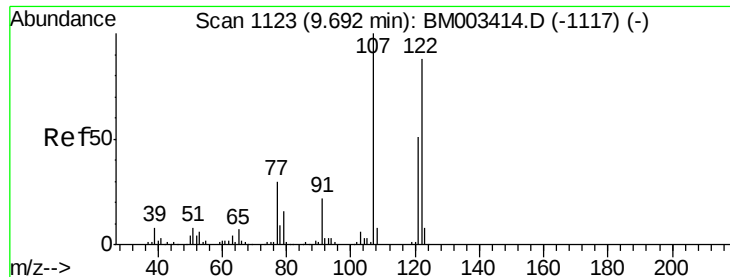
mohammad
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#26
2-Nitrophenol
Concen: 45.94 ng
RT: 9.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	44.0	20.1	30.1#
65	74.0	31.5	47.3#





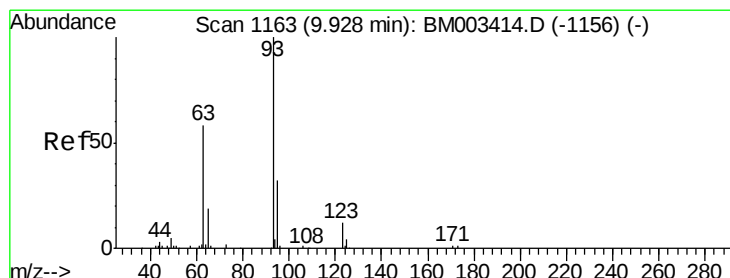
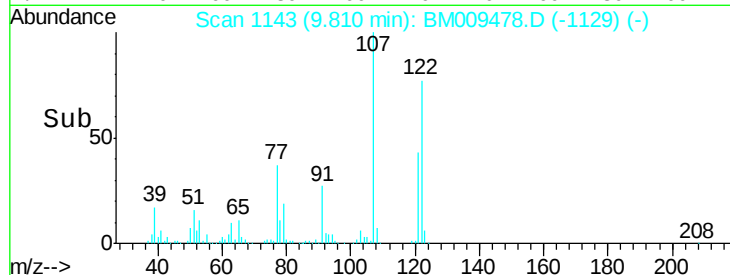
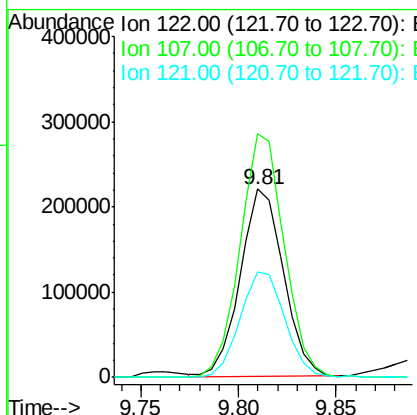
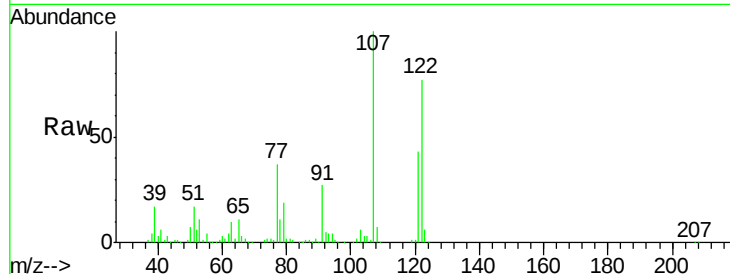
#27
2,4-Dimethylphenol
Concen: 52.07 ng
RT: 9.81 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	129.5	84.7	127.1#	
121	56.2	46.6	69.8	

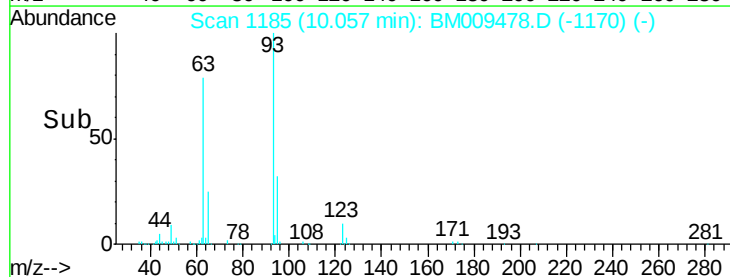
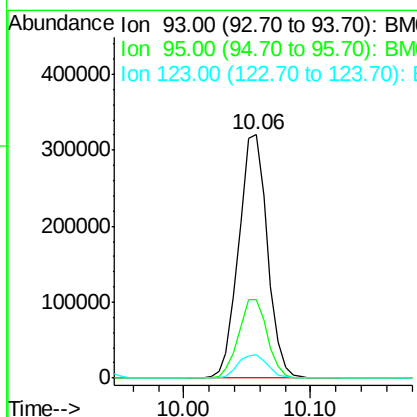
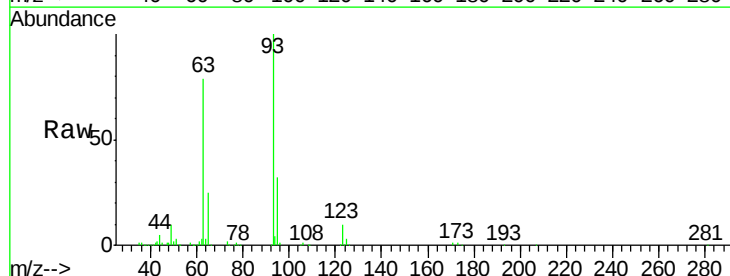
Manual Integrations
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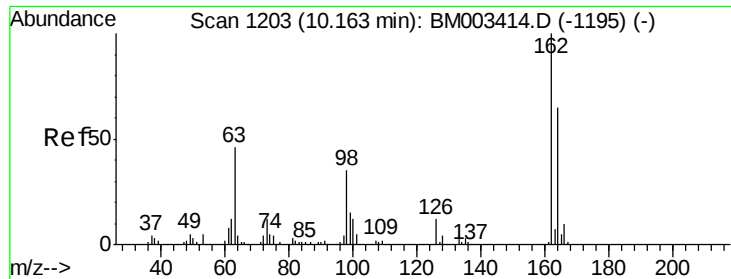
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.31 ng
RT: 10.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.3	25.5	38.3	
123	9.6	8.6	13.0	





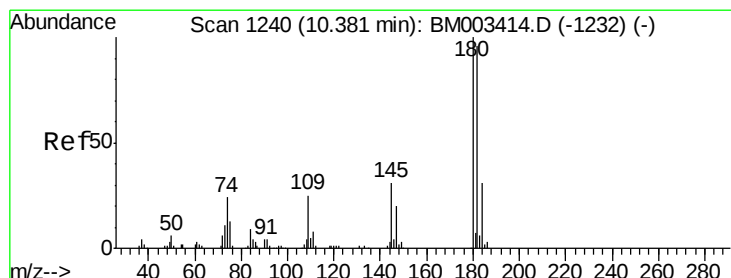
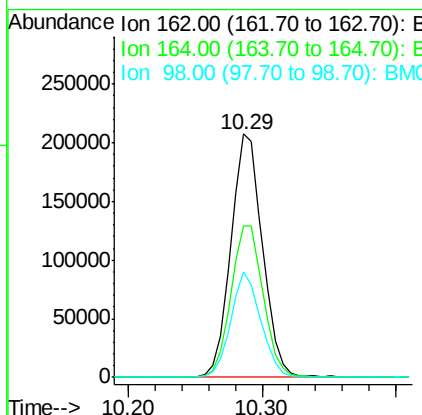
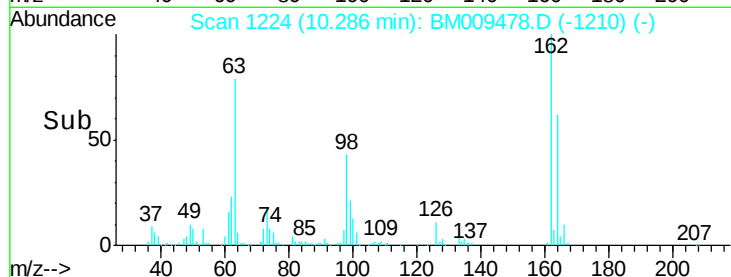
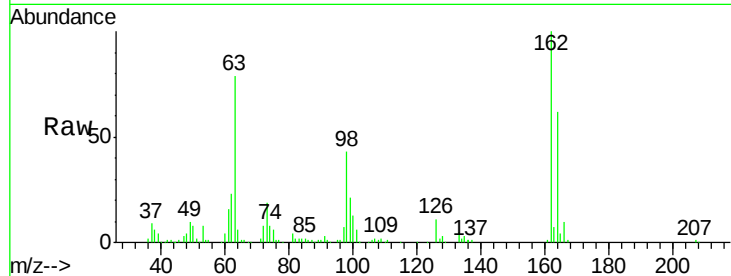
#29
2,4-Dichlorophenol
Concen: 50.52 ng
RT: 10.29 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampled :
PB97950BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.2	42.8	82.8
98	43.2	14.5	54.5

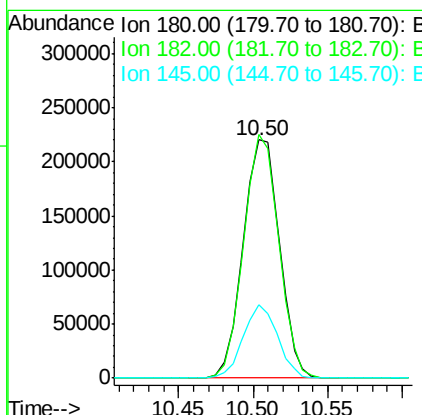
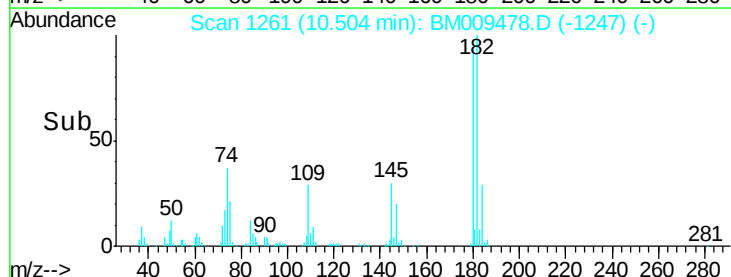
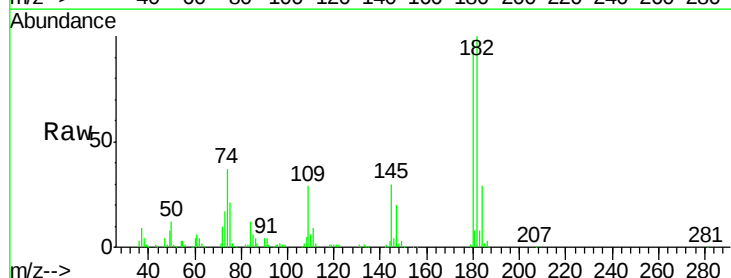
Manual Integrations
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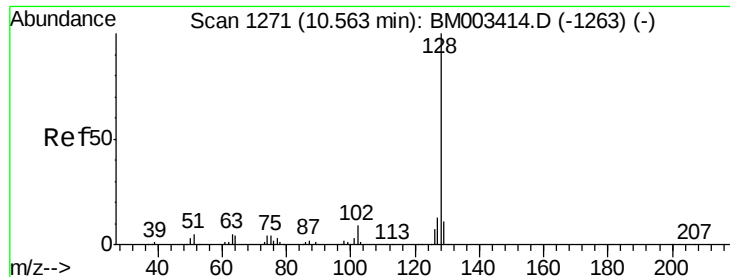
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#30
1,2,4-Trichlorobenzene
Concen: 44.18 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	102.1	77.6	116.4
145	30.9	23.4	35.2





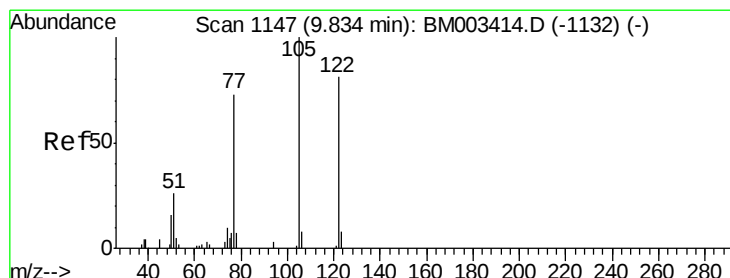
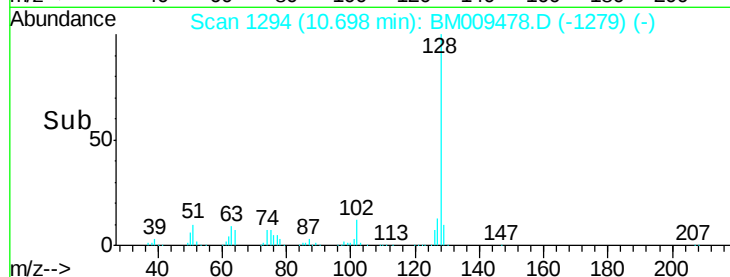
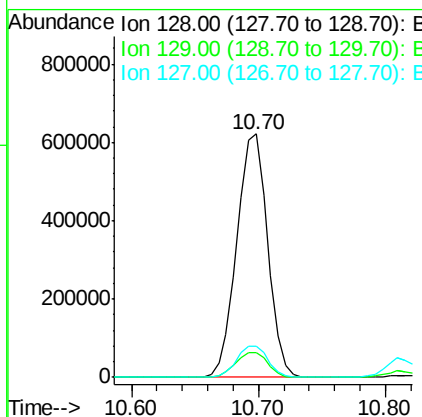
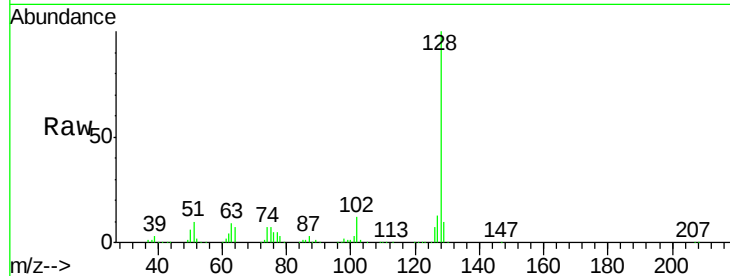
#31
Naphthalene
Concen: 43.93 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.9	8.9	13.3
127	12.6	10.4	15.6

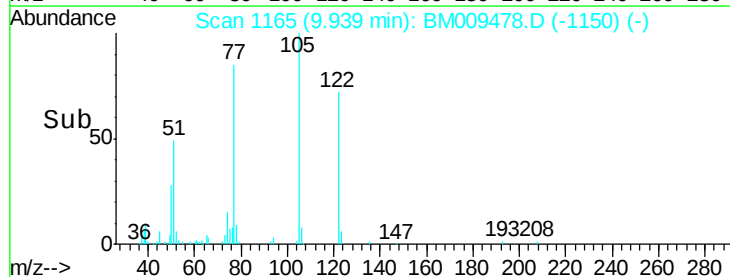
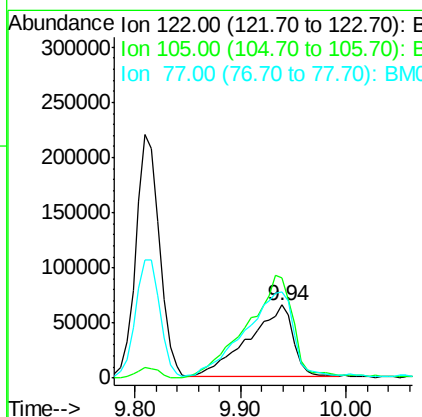
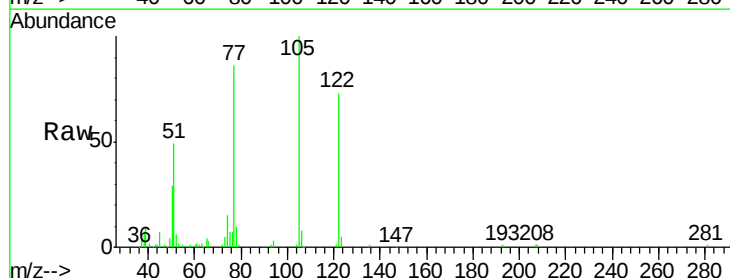
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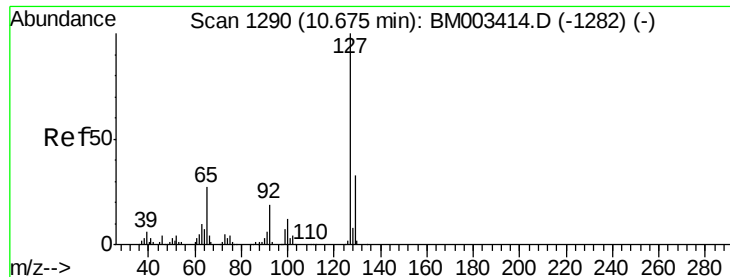
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#32
Benzoic acid
Concen: 41.50 ng
RT: 9.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.1	99.9	139.9
77	118.0	73.7	113.7#





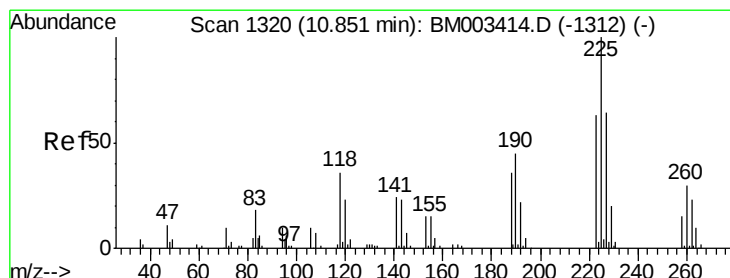
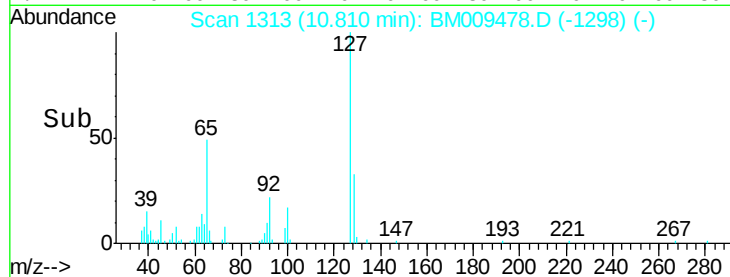
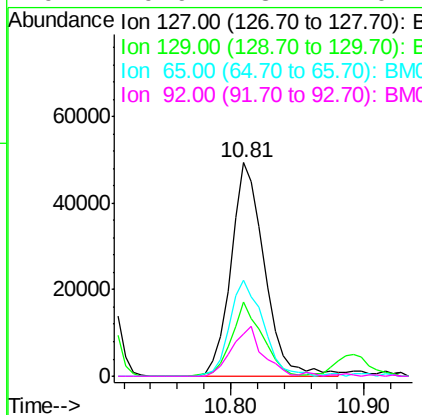
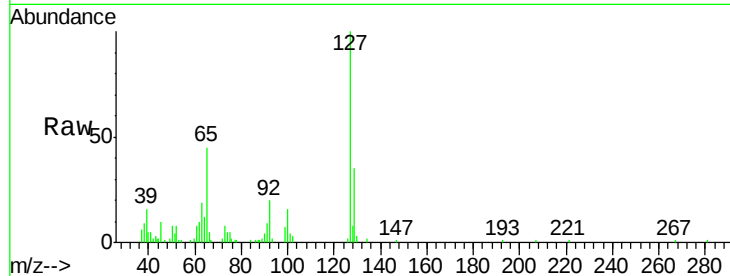
#33
4-Chloroaniline
Concen: 9.34 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.6	25.3	37.9		
65	45.2	17.6	26.4		
92	19.9	13.1	19.7		

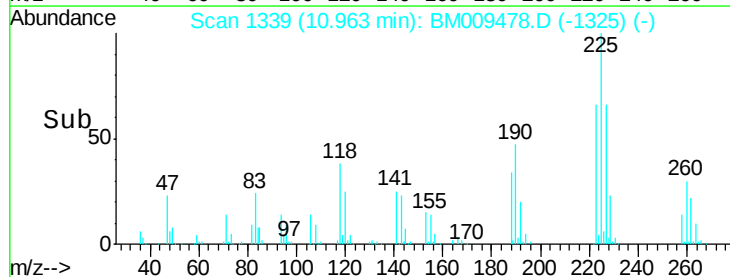
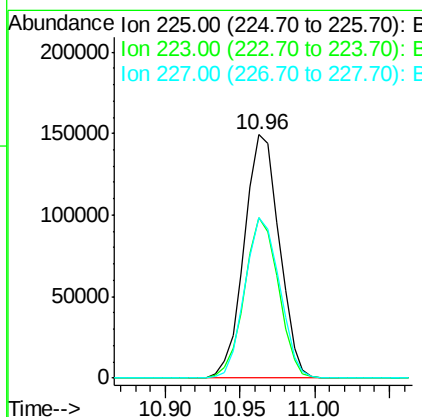
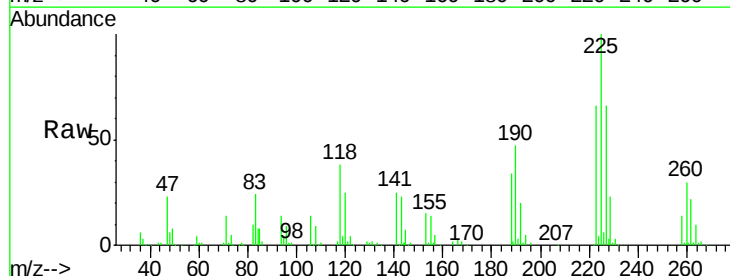
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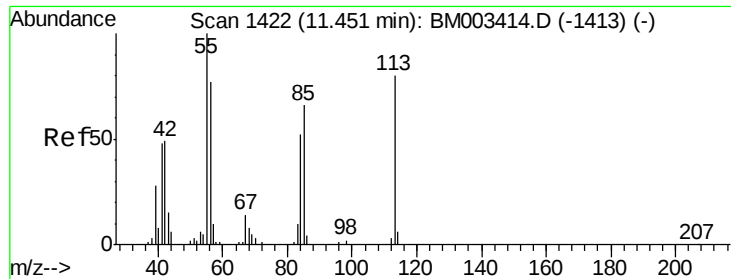
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#34
Hexachlorobutadiene
Concen: 42.10 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	66.0	47.9	71.9		
227	66.0	50.1	75.1		





#35

Caprolactam

Concen: 50.44 ng/mL

RT: 11.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BM009478.D

Acq: 31 Mar 2017 17:47

Instrument :

BNA_M

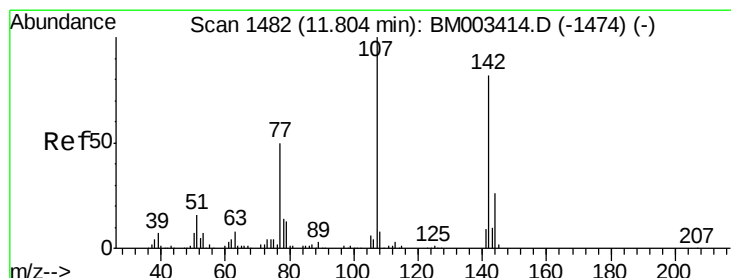
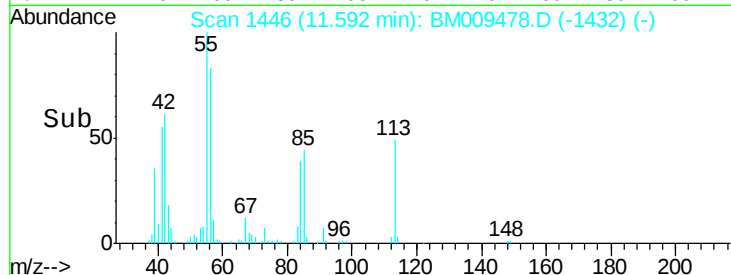
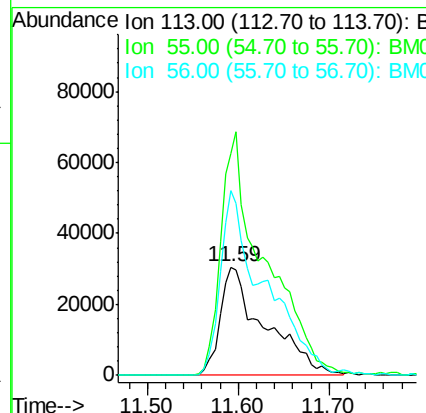
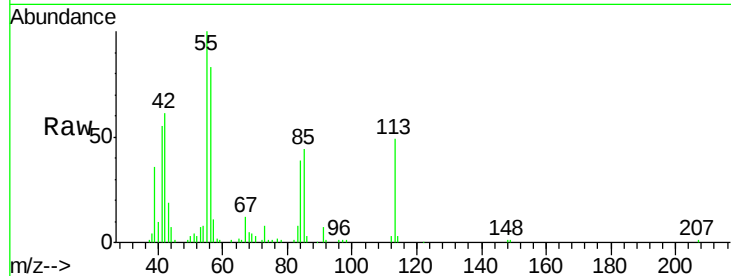
ClientSampled :

PB97950BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	205.1	145.9	185.9#
56	170.1	101.0	141.0#

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#36

4-Chloro-3-methylphenol

Concen: 51.99 ng/mL

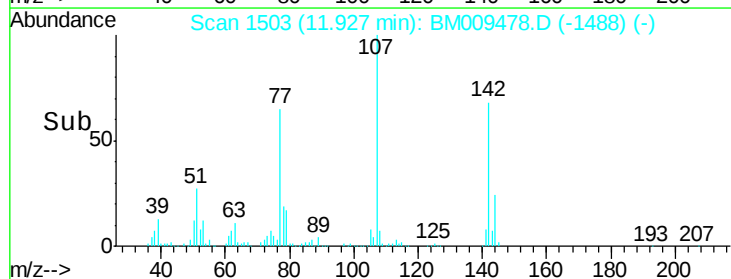
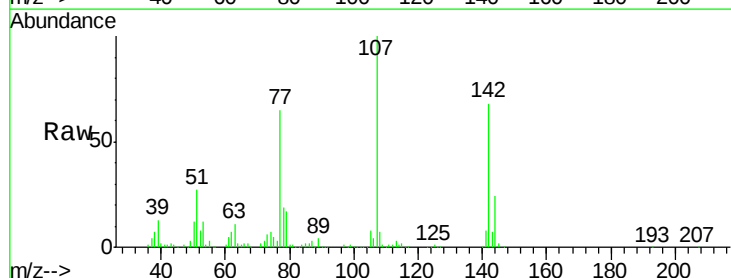
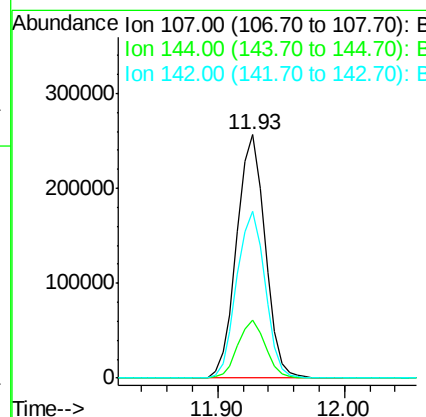
RT: 11.93 min Scan# 1503

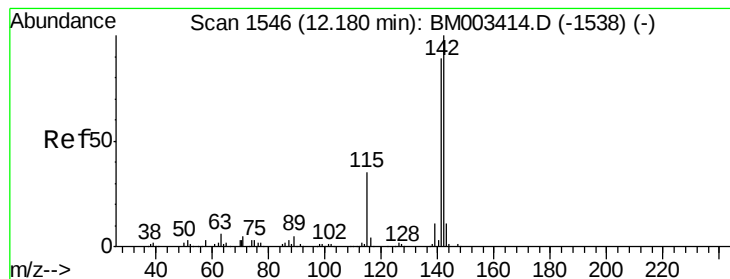
Delta R.T. -0.01 min

Lab File: BM009478.D

Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	23.3	34.9
142	68.5	72.6	109.0#





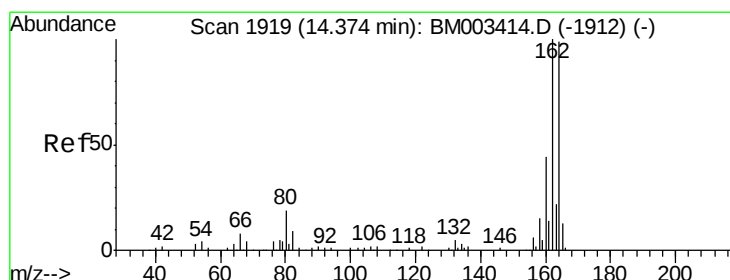
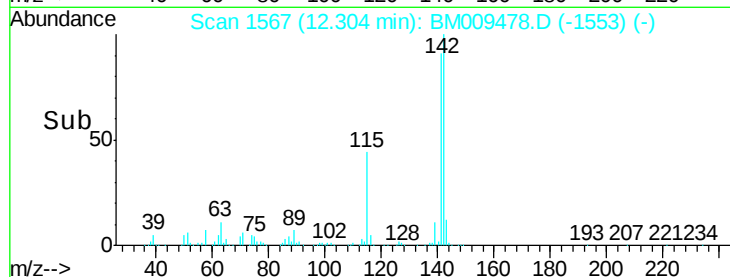
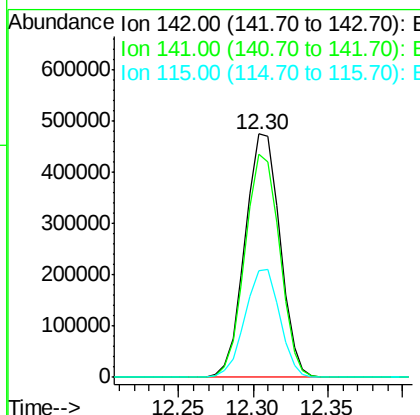
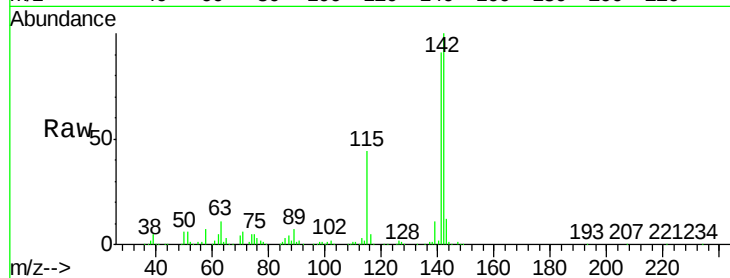
#37
2-Methylnaphthalene
Concen: 46.74 ng
RT: 12.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.9	107.9
115	43.8	25.4	38.0

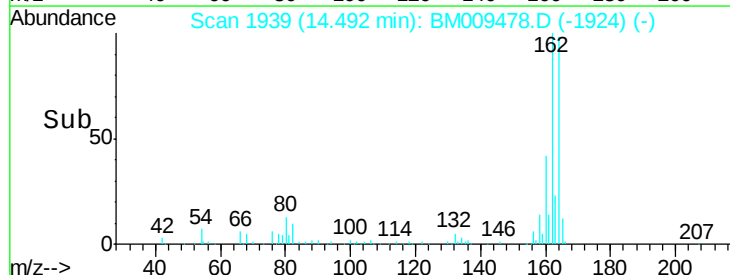
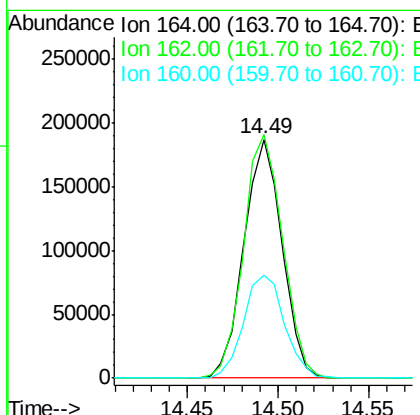
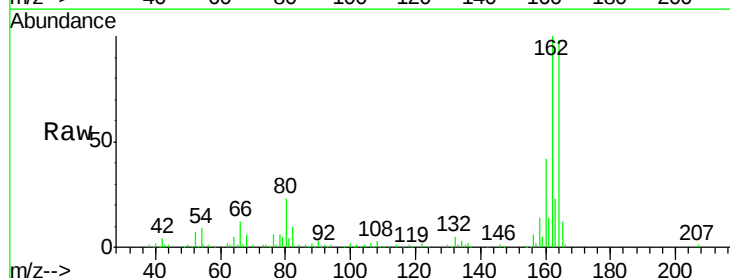
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.4	123.6
160	42.9	35.8	53.6





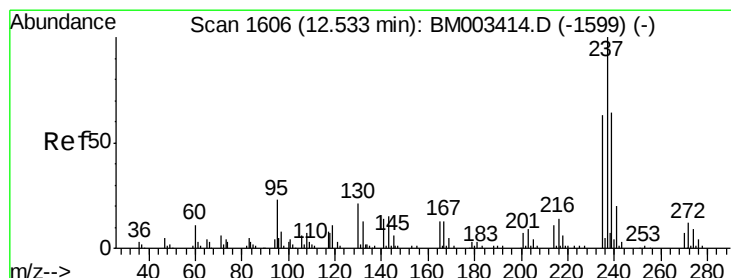
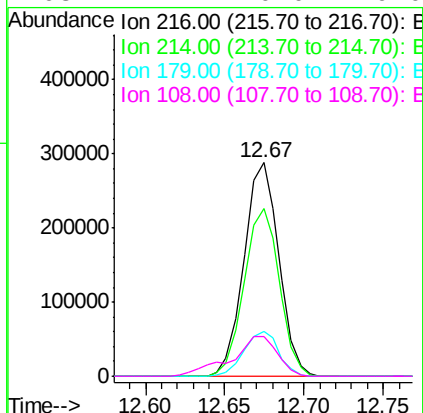
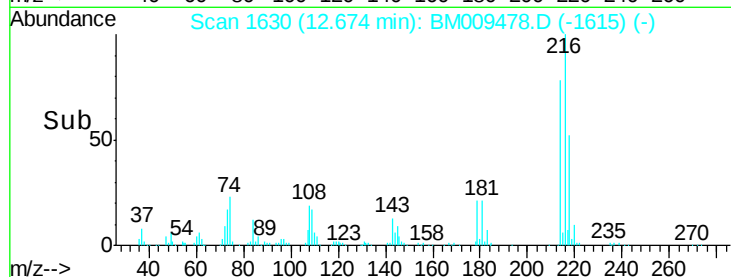
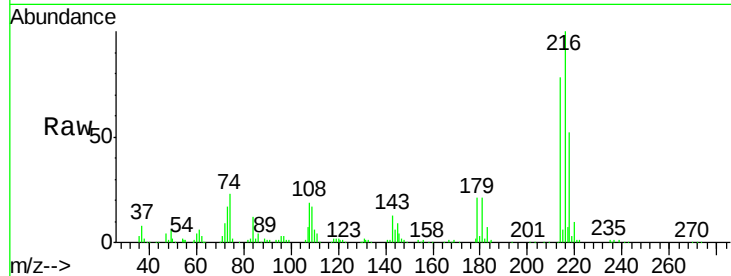
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.56 ng
 RT: 12.67 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BM009478.D
 Acq: 31 Mar 2017 17:47

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	0.0	0.0	0.0
179	21.2	0.0	0.0	0.0
108	24.7	0.0	0.0	0.0

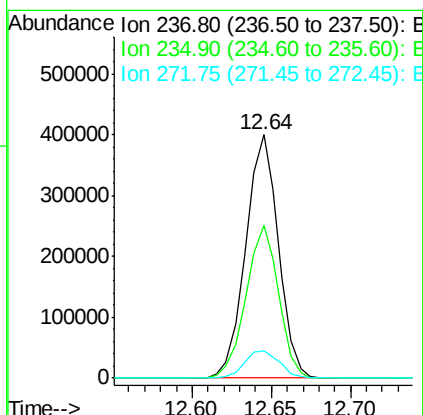
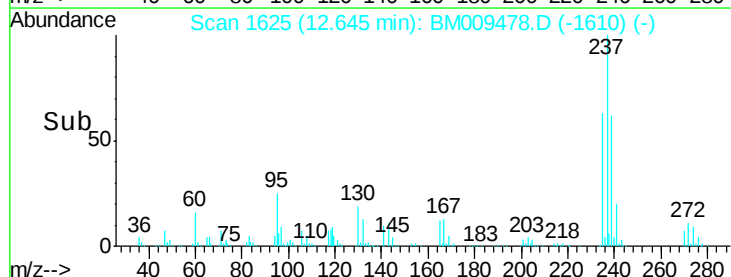
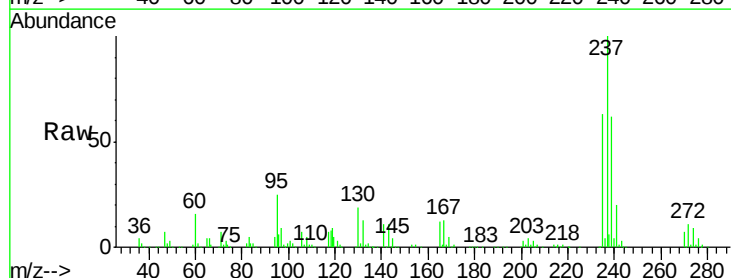
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#40
 Hexachlorocyclopentadiene
 Concen: 96.10 ng
 RT: 12.64 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM009478.D
 Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.7	42.0	82.0	
272	11.2	0.0	33.4	





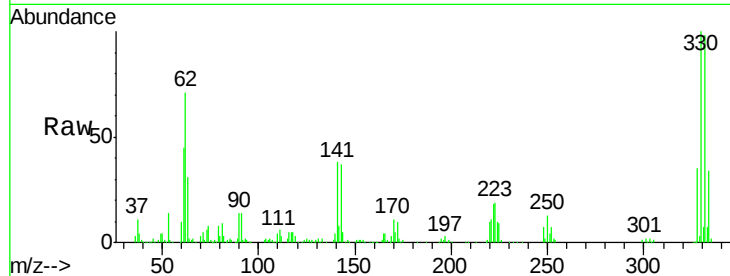
#41
 2,4,6-Tribromophenol
 Concen: 162.29 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009478.D
 Acq: 31 Mar 2017 17:47

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	552124		
332	96.3	0.0	0.0	0.0
141	40.0	0.0	0.0	0.0

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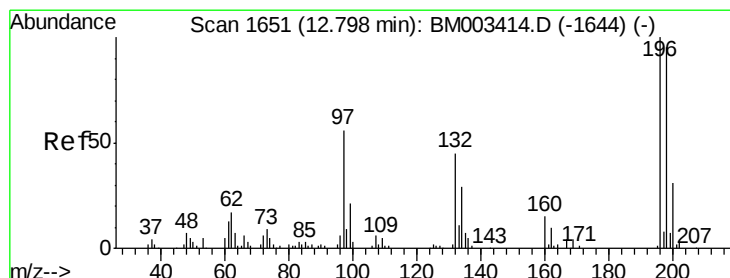
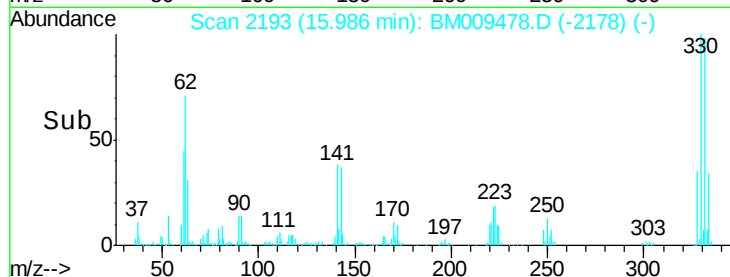
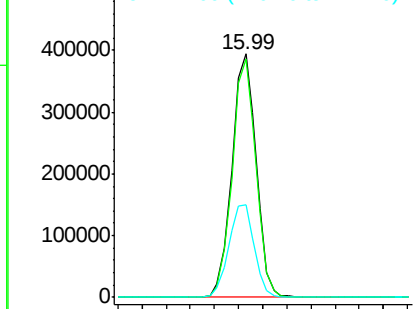


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 50.12 ng
 RT: 12.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM009478.D
 Acq: 31 Mar 2017 17:47

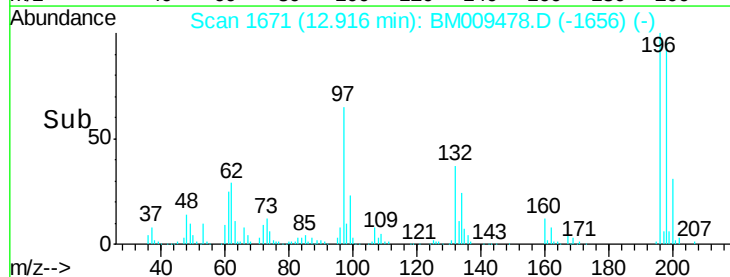
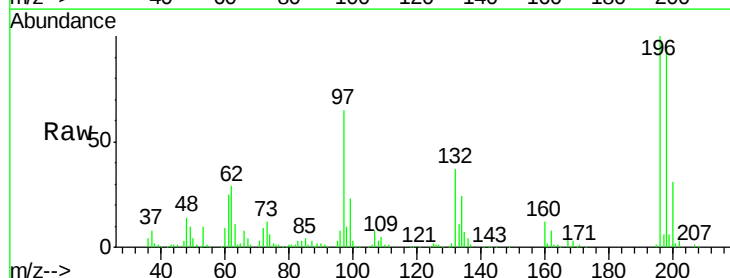
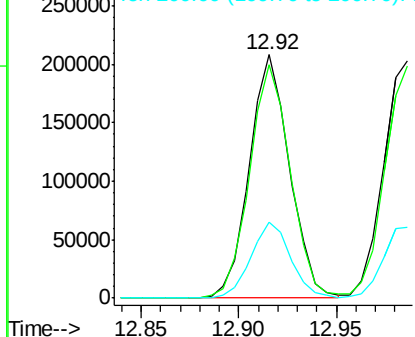
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	296317		
198	95.6	76.3	114.5	
200	31.3	25.6	38.4	

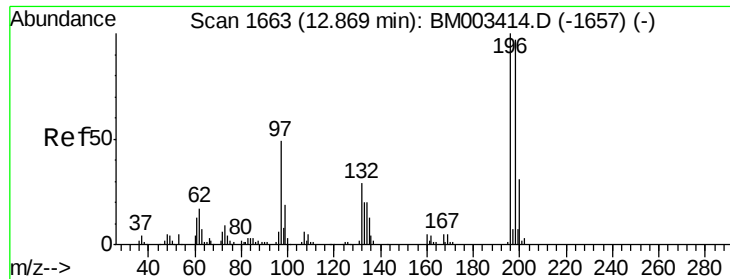
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





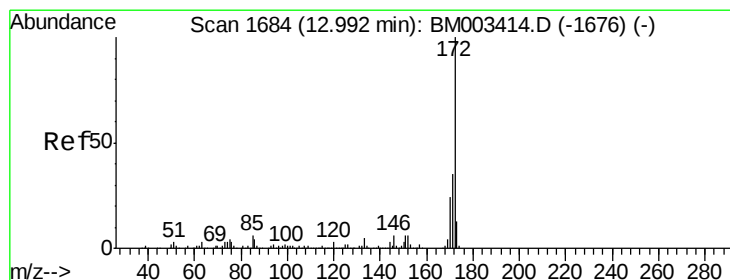
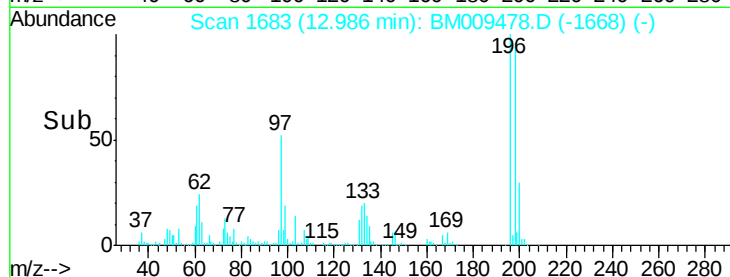
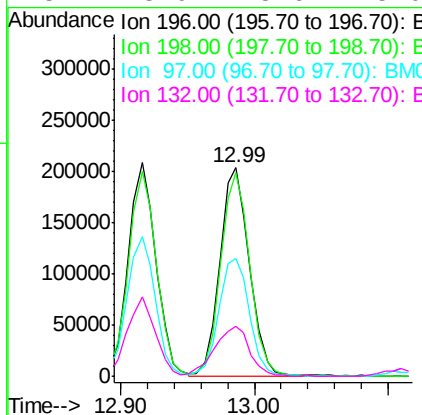
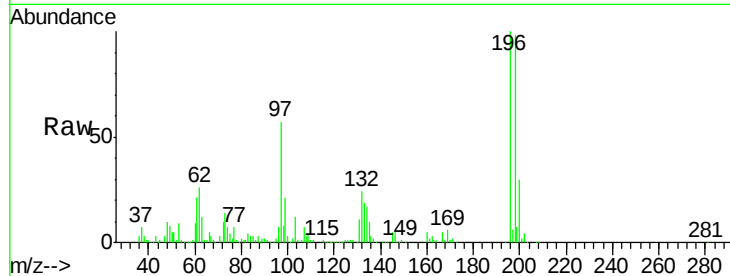
#43
2,4,5-Trichlorophenol
Concen: 48.03 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	316822		
198	97.8	79.4	119.0	
97	56.8	26.8	40.2	
132	23.9	18.6	28.0	

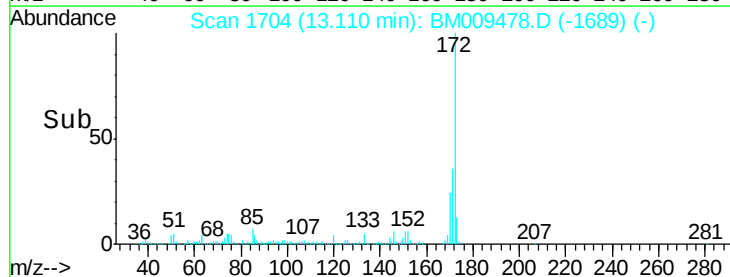
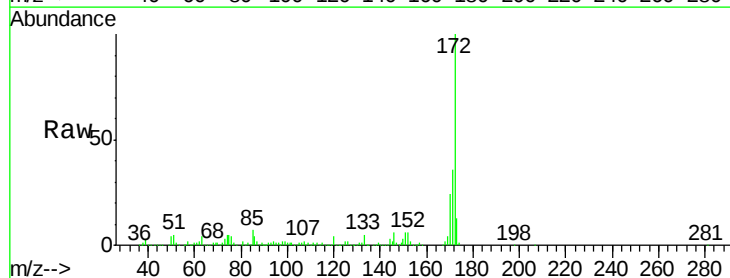
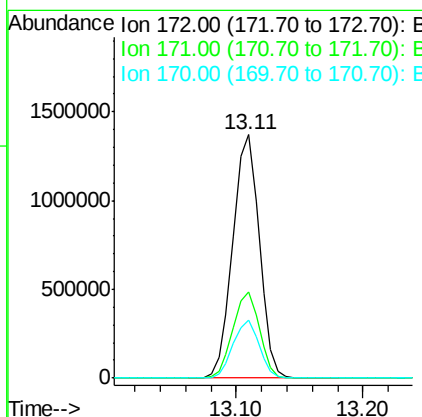
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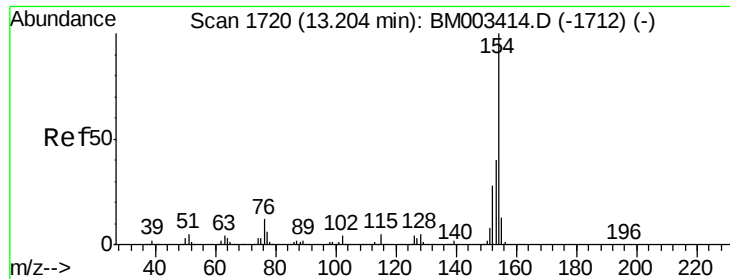
mohammad
4/3/2017 11:49:41 AM



#44
2-Fluorobiphenyl
Concen: 87.00 ng
RT: 13.11 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1977328		
171	35.6	28.5	42.7	
170	23.8	18.8	28.2	





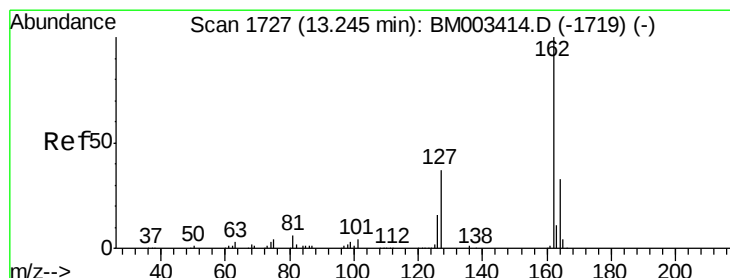
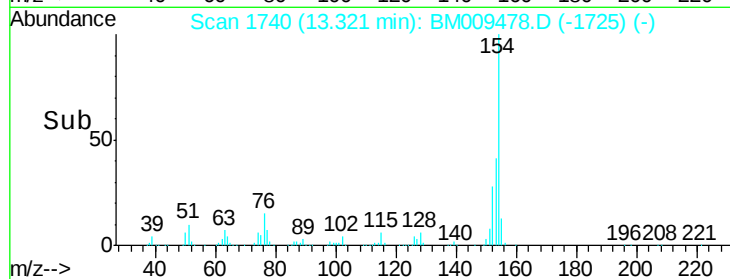
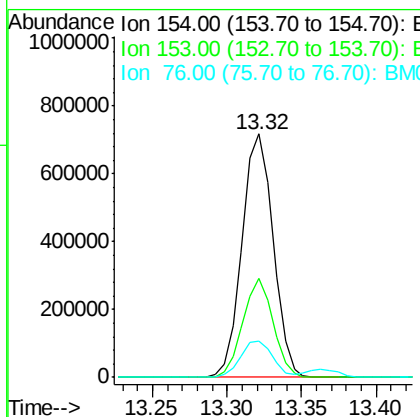
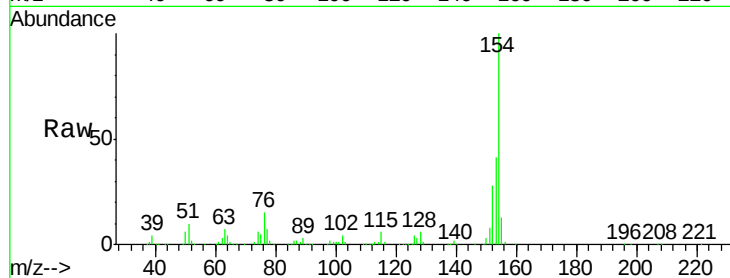
#45
 1,1'-Biphenyl
 Concen: 45.56 ng
 RT: 13.32 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BM009478.D
 Acq: 31 Mar 2017 17:47

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.7	60.7
76	14.9	0.0	30.9

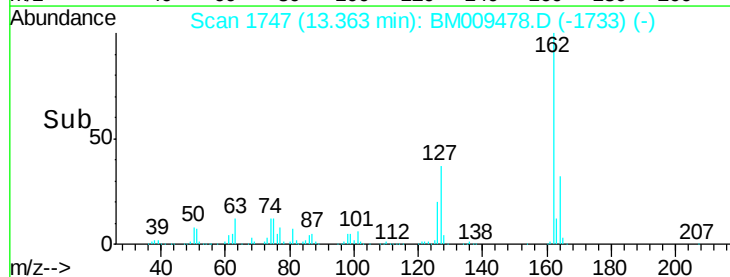
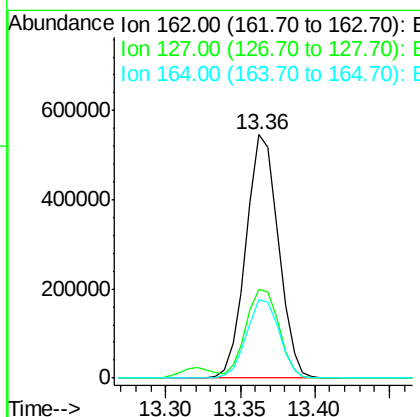
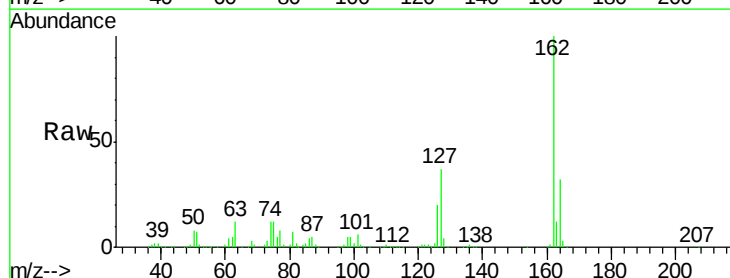
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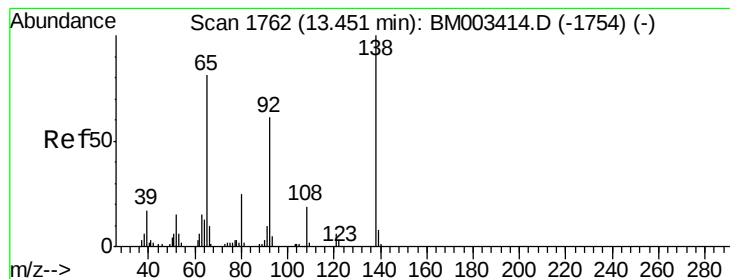
mohammad
 4/3/2017 11:49:41 AM



#46
 2-Chloronaphthalene
 Concen: 46.32 ng
 RT: 13.36 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BM009478.D
 Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.6	26.9	40.3
164	32.2	26.8	40.2





#47

2-Nitroaniline

Concen: 49.79 ng

RT: 13.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BM009478.D

Acq: 31 Mar 2017 17:47

Instrument :

BNA_M

ClientSampleId :

PB97950BS

Tot Ion: 65 Resp: 324745
Ion Ratio Lower Upper

65 100

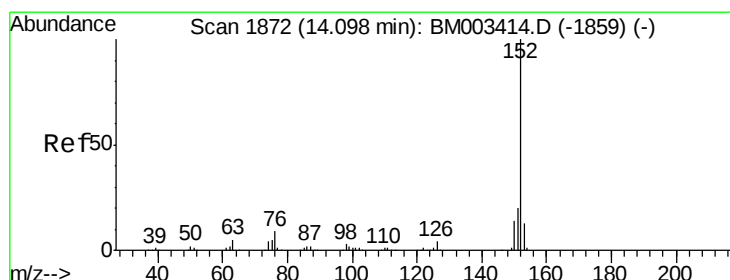
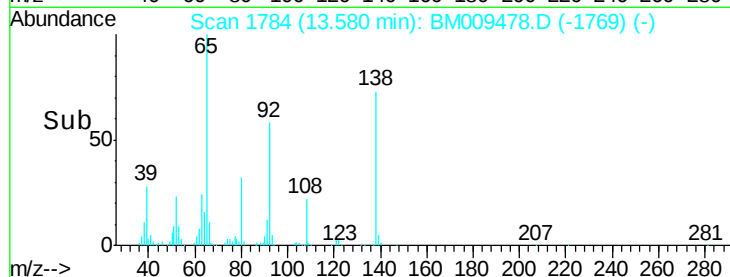
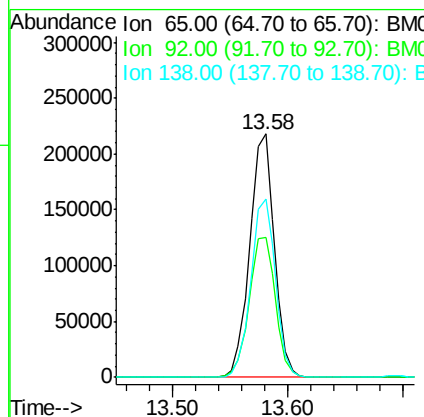
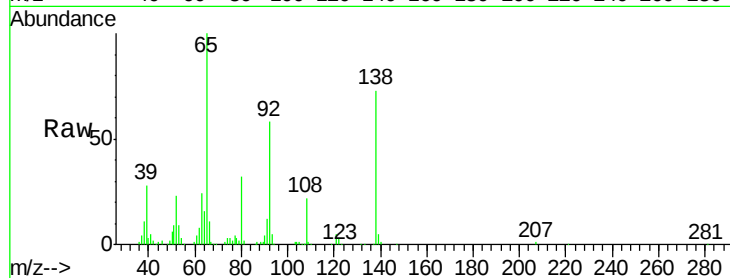
92 57.5 59.1 88.7#

138 73.0 93.9 140.9#

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#48

Acenaphthylene

Concen: 45.42 ng

RT: 14.22 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BM009478.D

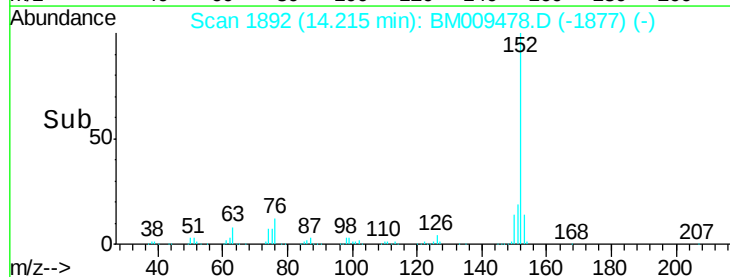
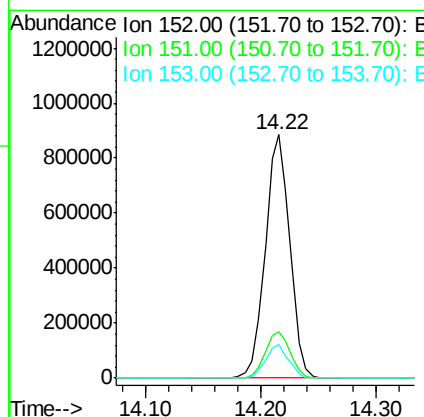
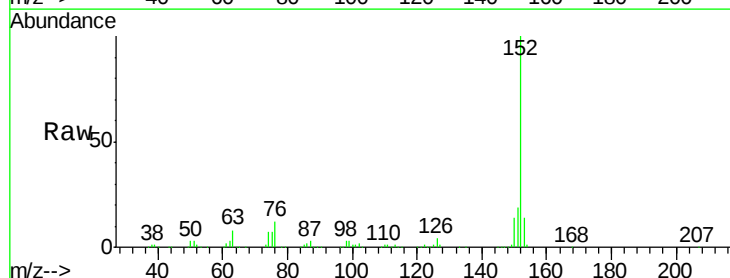
Acq: 31 Mar 2017 17:47

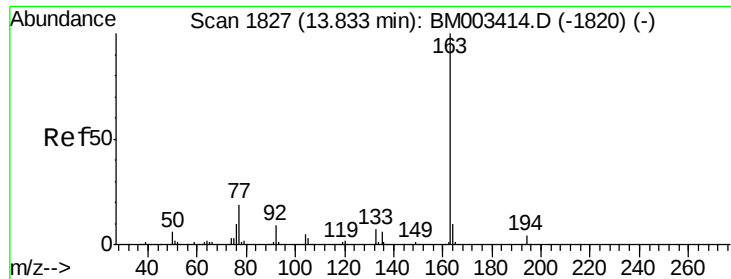
Tgt Ion: 152 Resp: 1309668
Ion Ratio Lower Upper

152 100

151 19.1 15.9 23.9

153 13.8 10.6 16.0





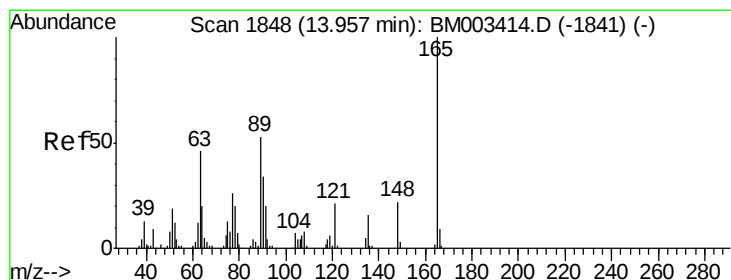
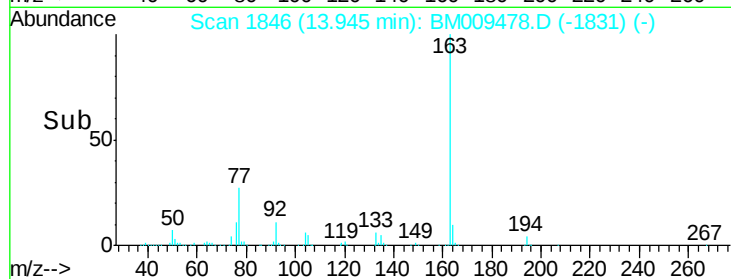
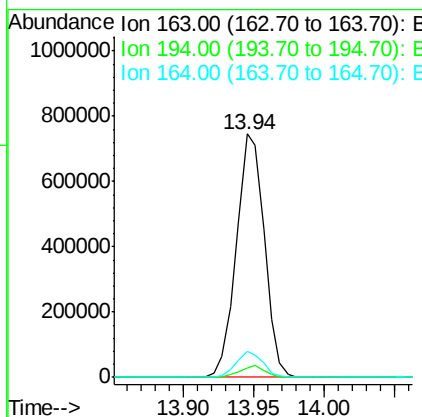
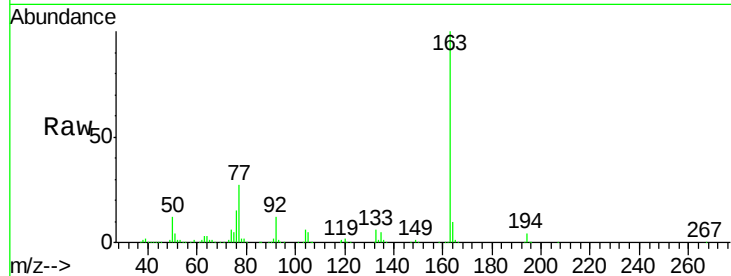
#49
Dimethylphthalate
Concen: 48.85 ng
RT: 13.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.1	2.7	4.1	
164	10.5	8.2	12.2	

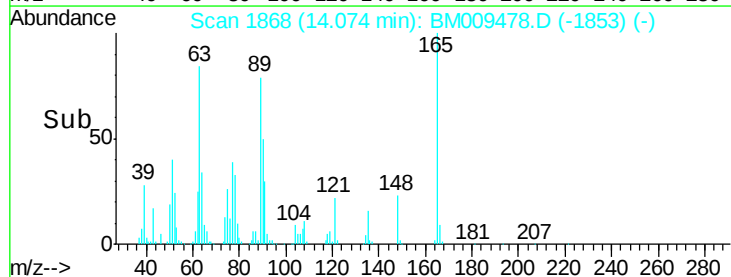
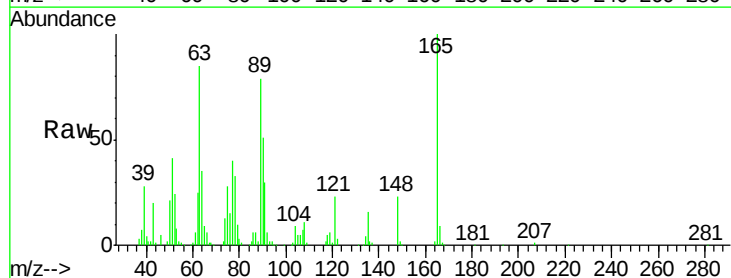
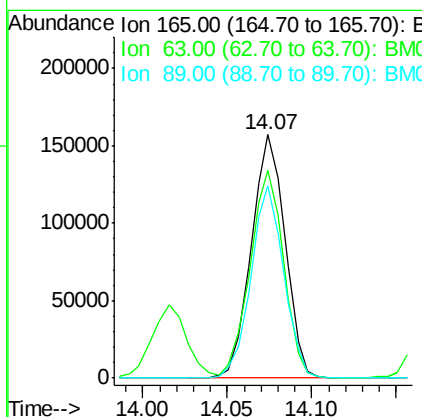
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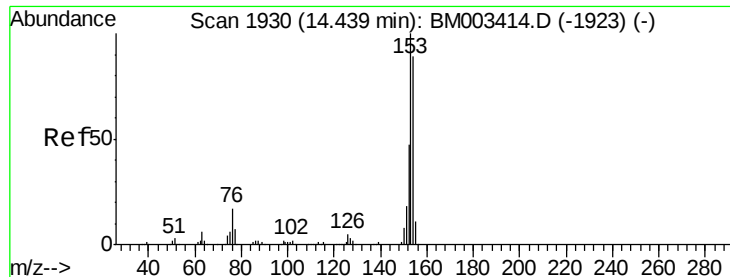
mohammad
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#50
2,6-Dinitrotoluene
Concen: 48.30 ng
RT: 14.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ion	Ratio	Lower	Upper
165	100			
63	85.3	44.1	66.1#	
89	78.8	44.3	66.5#	





#51

Acenaphthene

Concen: 46.05 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009478.D

Acq: 31 Mar 2017 17:47

Instrument :

BNA_M

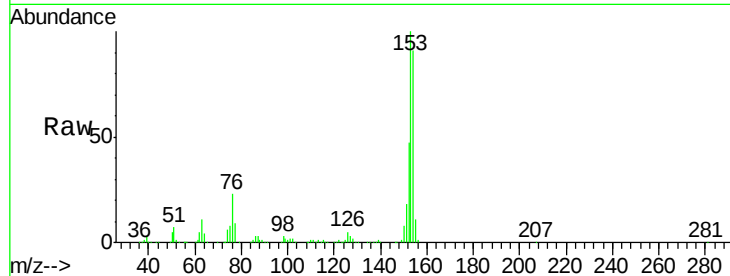
ClientSampleId :

PB97950BS

Tot Ion:	154	Resp:	801145
Ion Ratio	Lower	Upper	
154	100		
153	109.4	90.0	135.0
152	51.8	42.6	63.8

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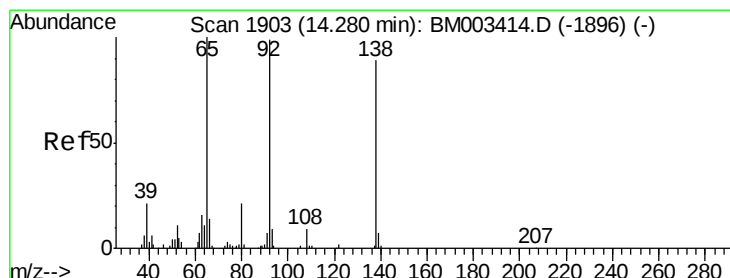
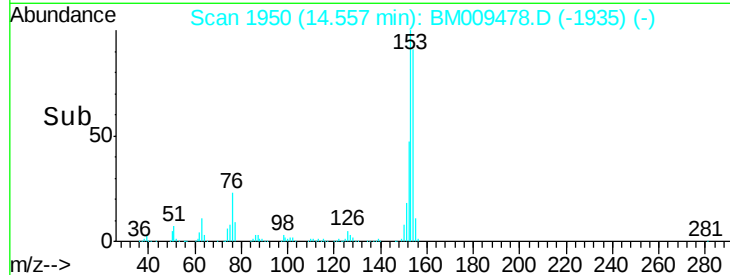
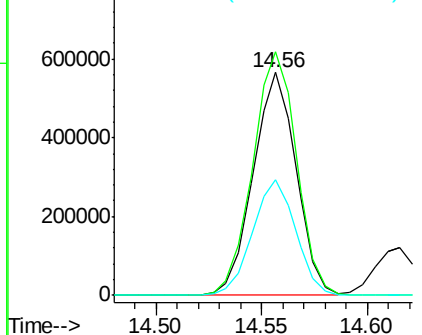


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.74 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM009478.D

Acq: 31 Mar 2017 17:47

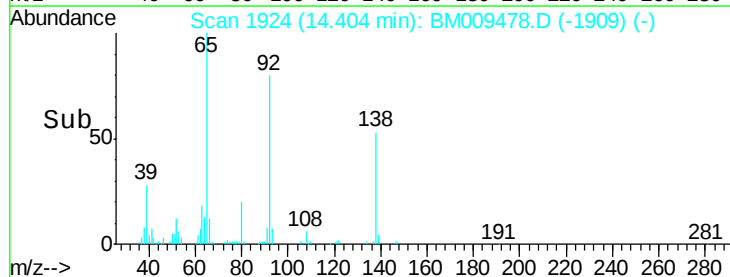
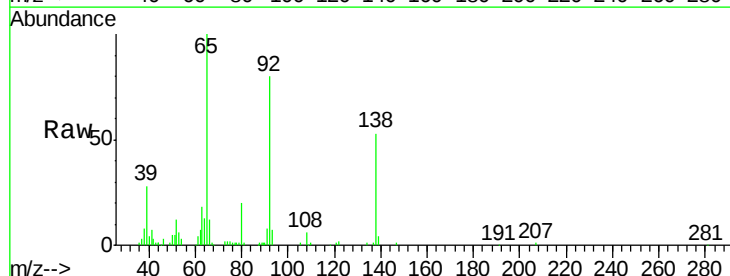
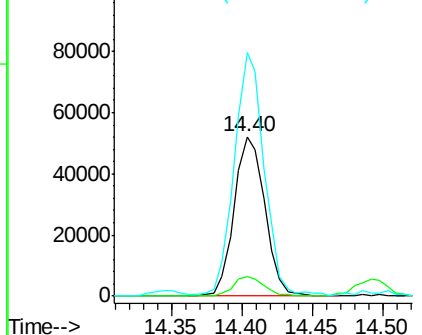
Tgt Ion:	138	Resp:	79201
Ion Ratio	Lower	Upper	
138	100		
108	12.3	7.3	10.9#
92	152.4	76.6	114.8#

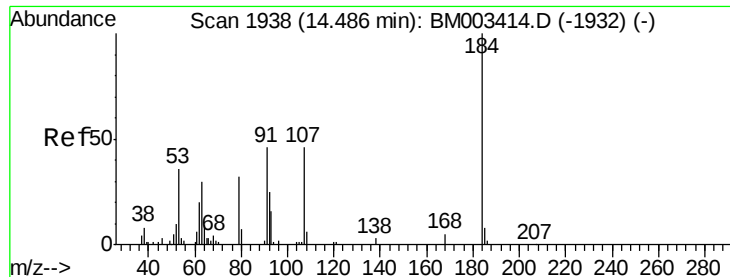
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





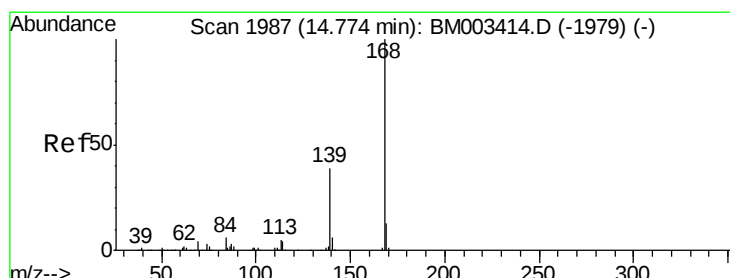
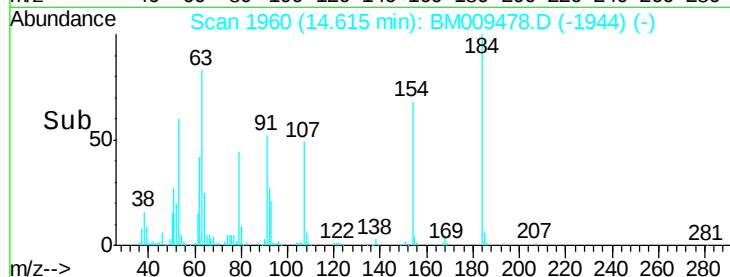
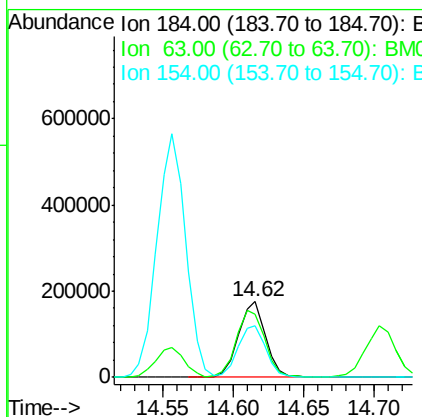
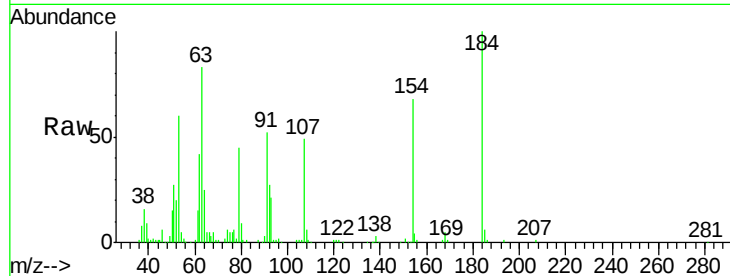
#53
2,4-Dinitrophenol
Concen: 77.12 ng
RT: 14.62 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	235037		
63	83.2	69.2	103.8	
154	68.4	53.3	79.9	

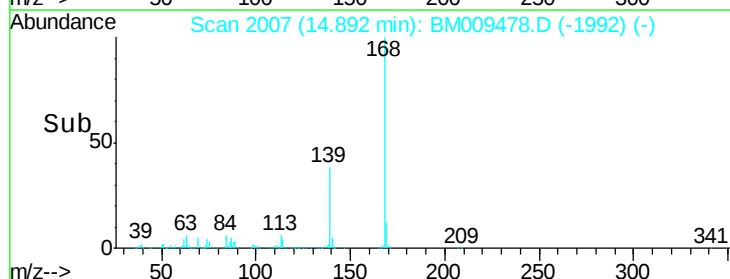
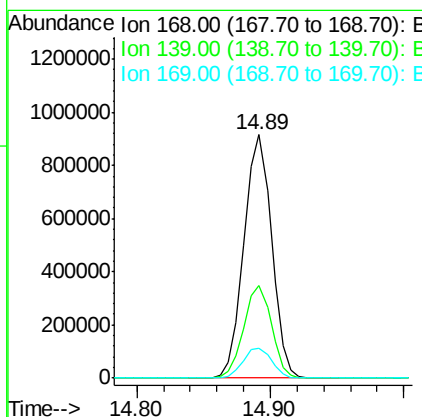
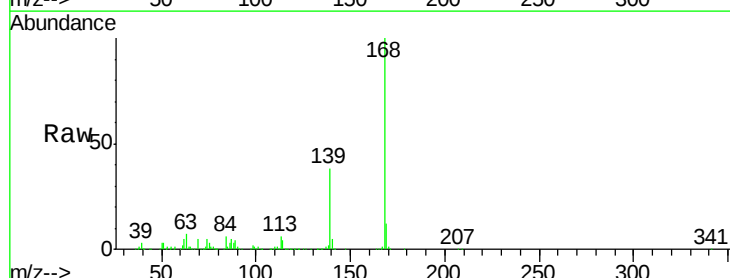
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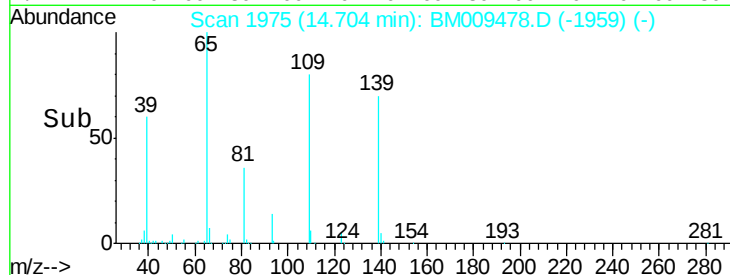
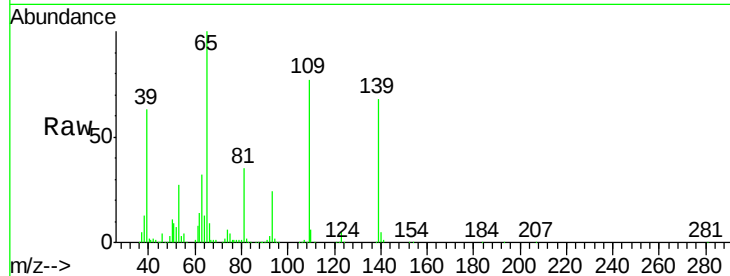
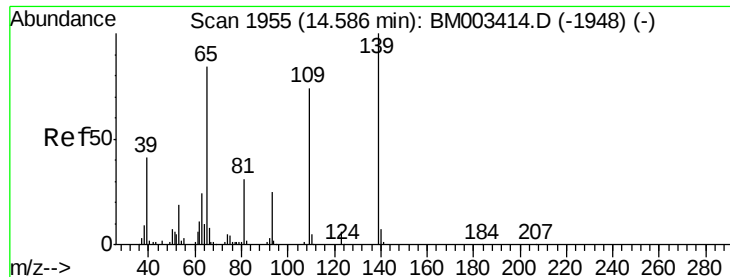
mohammad
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#54
Dibenzofuran
Concen: 50.89 ng
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1309266		
139	38.2	27.3	40.9	
169	12.4	10.6	16.0	





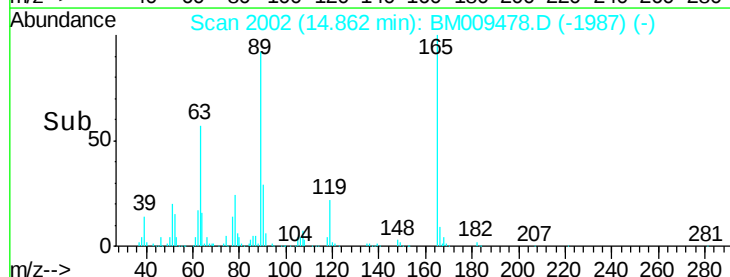
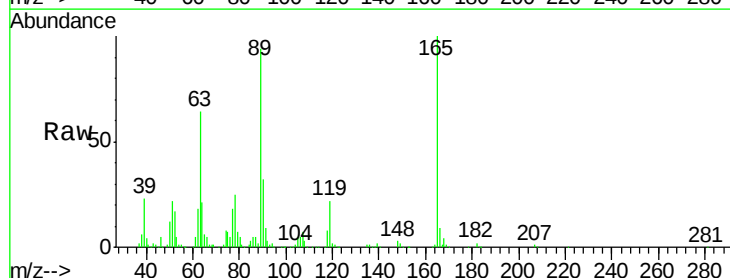
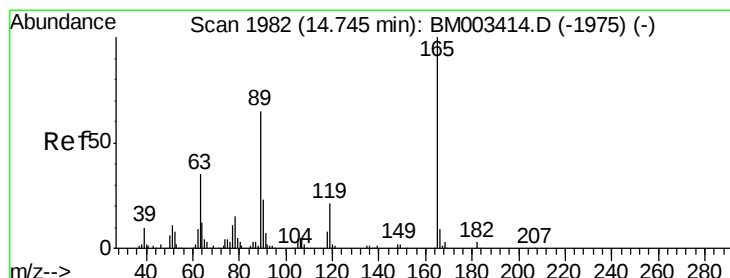
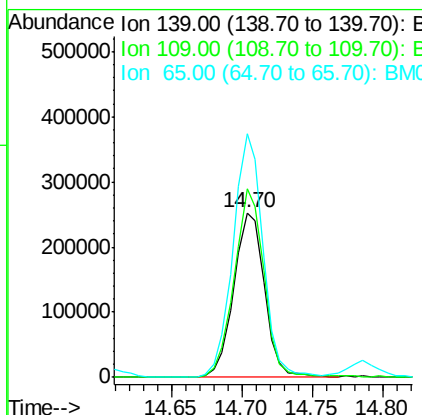
#55
4-Nitrophenol
Concen: 104.78 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	114.1	37.7	77.7#	
65	147.7	49.9	89.9#	

Instrument :
BNA_M
ClientSampleId :
PB97950BS

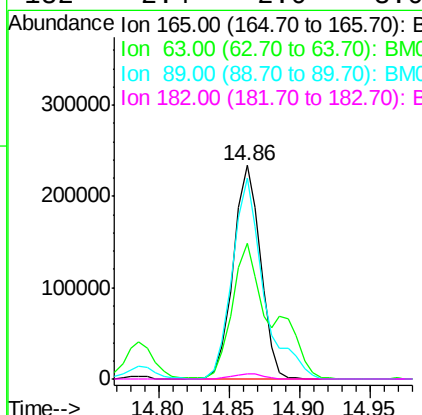
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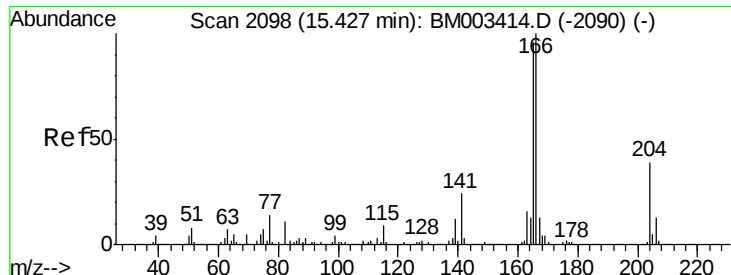
mohammad
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#56
2,4-Dinitrotoluene
Concen: 51.43 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	63.6	52.4	78.6	
89	94.3	72.4	108.6	
182	2.4	2.0	3.0	





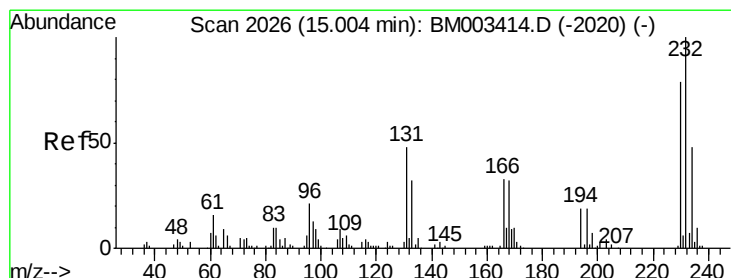
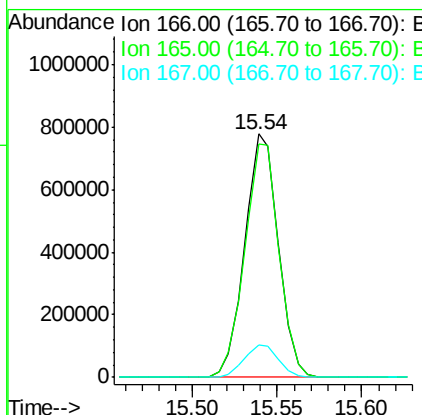
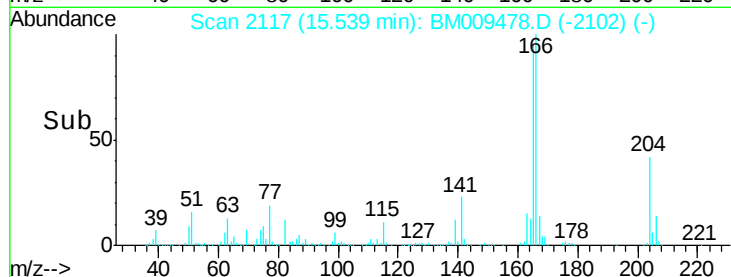
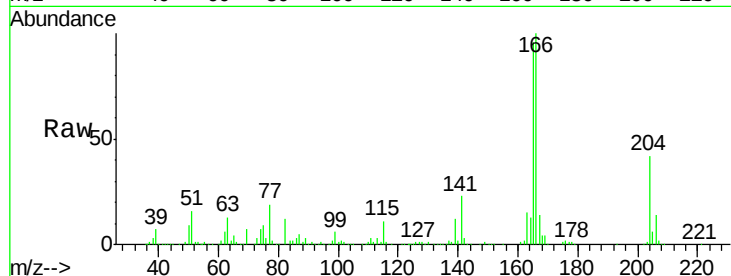
#57
 Fluorene
 Concen: 46.54 ng
 RT: 15.54 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BM009478.D
 Acq: 31 Mar 2017 17:47

Instrument :
 BNA_M
 ClientSampleID :
 PB97950BS

Tot Ion:166 Resp: 1076156
 Ion Ratio Lower Upper
 166 100
 165 95.9 79.0 118.4
 167 13.5 10.3 15.5

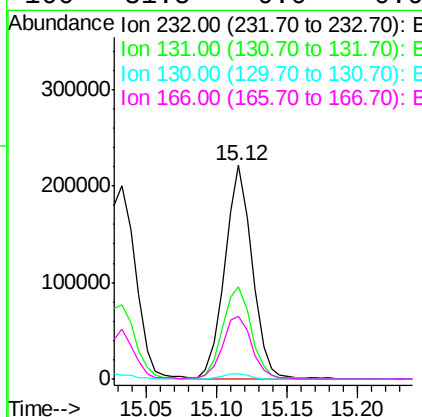
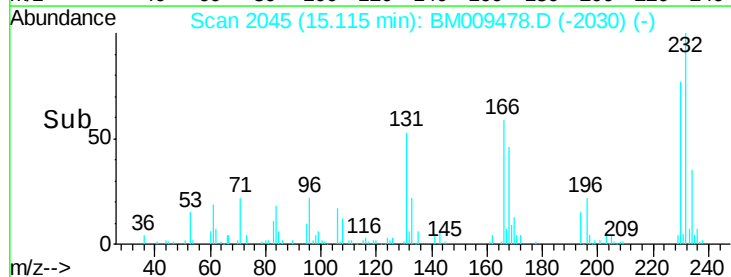
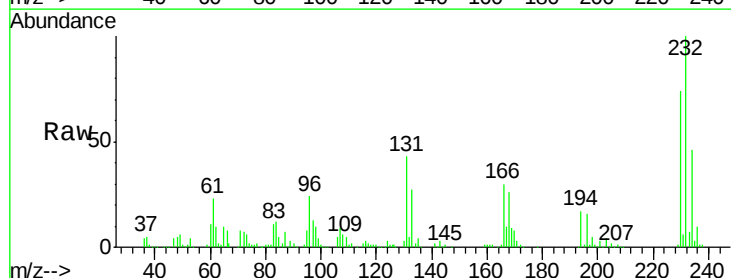
Manual Integrations
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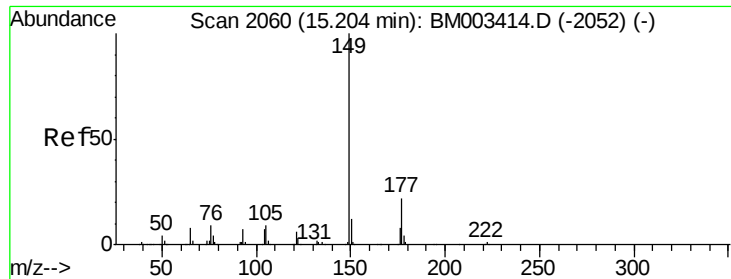
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.76 ng
 RT: 15.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BM009478.D
 Acq: 31 Mar 2017 17:47

Tgt Ion:232 Resp: 299952
 Ion Ratio Lower Upper
 232 100
 131 44.5 0.0 0.0#
 130 2.5 0.0 0.0#
 166 31.5 0.0 0.0#





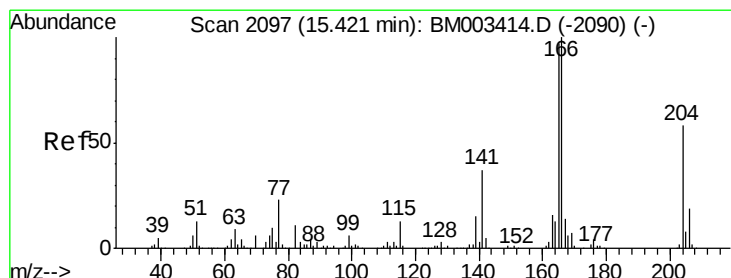
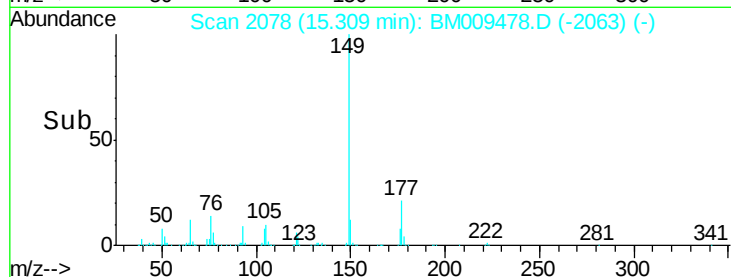
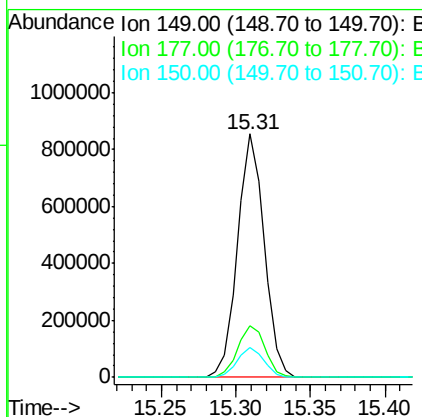
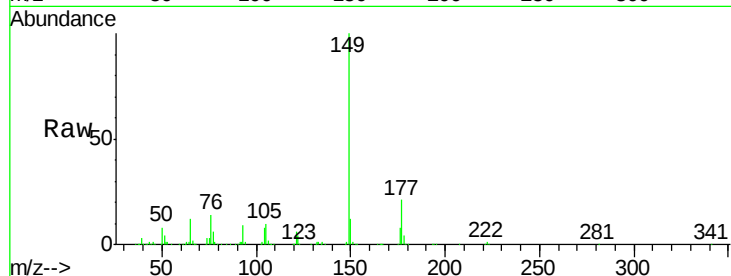
#59
Diethylphthalate
Concen: 49.99 ng
RT: 15.31 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampled :
PB97950BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	18.3	27.5
150	12.2	9.8	14.8

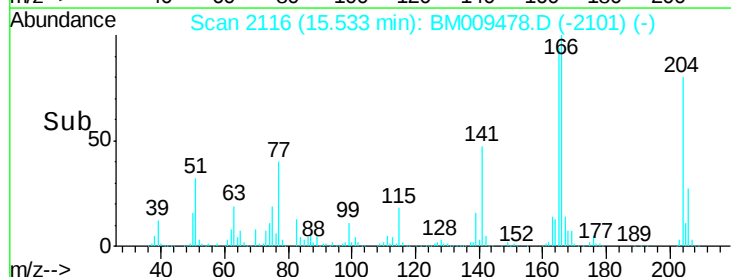
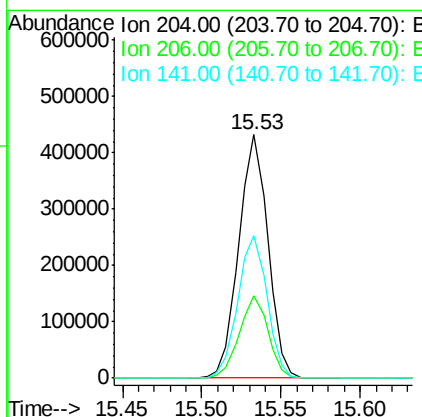
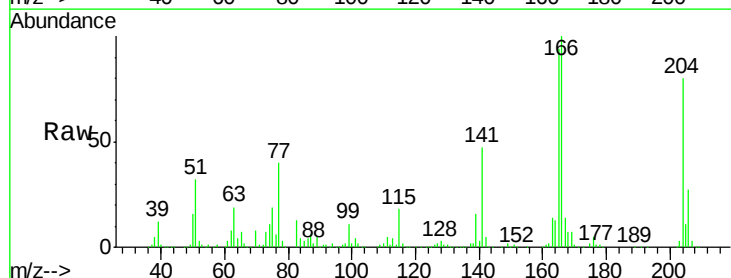
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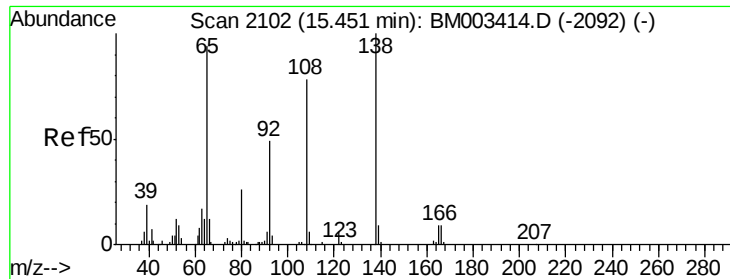
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 45.79 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.6	39.8
141	58.6	45.2	67.8





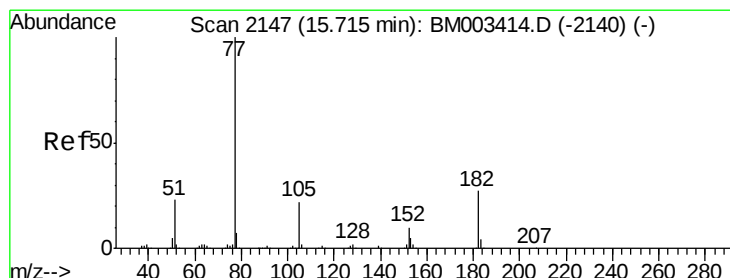
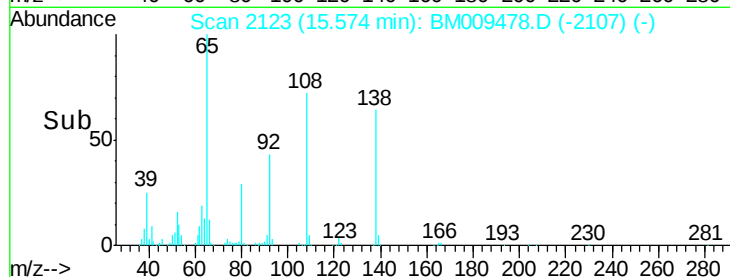
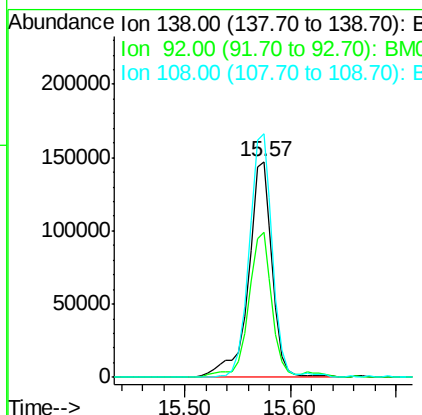
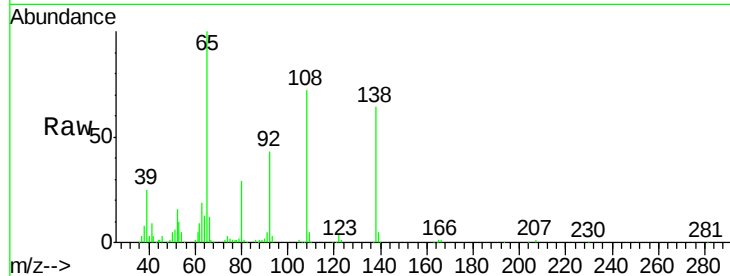
#61
4-Nitroaniline
Concen: 47.78 ng
RT: 15.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	67.4	16.7	56.7#
108	112.8	37.6	77.6#

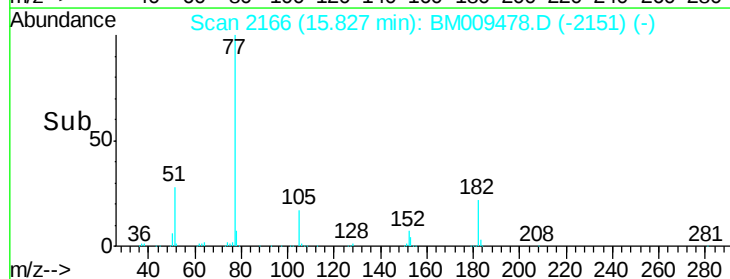
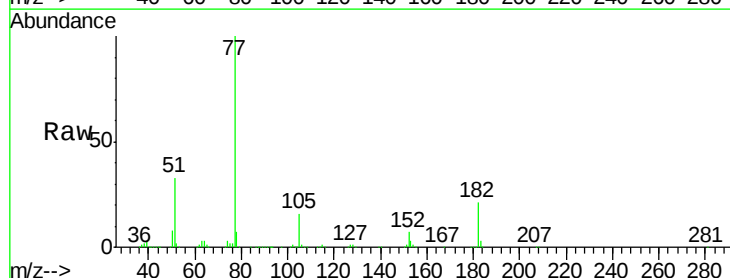
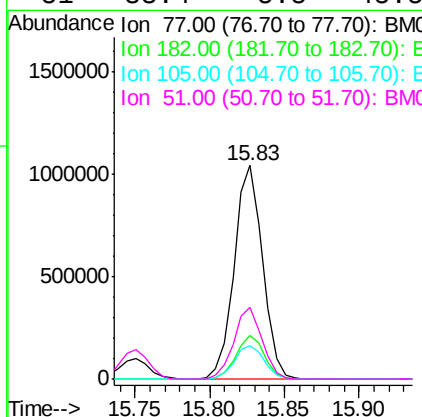
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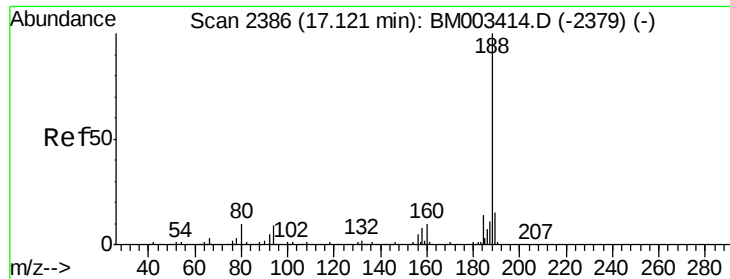
mohammad
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#62
Azobenzene
Concen: 55.19 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.7	6.5	46.5
105	15.8	3.8	43.8
51	33.4	5.5	45.5





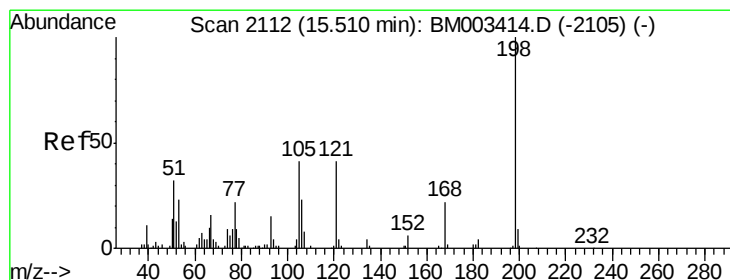
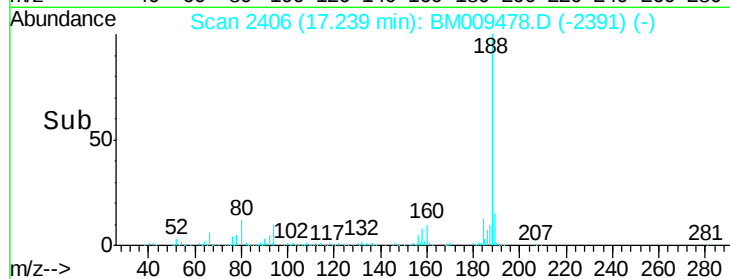
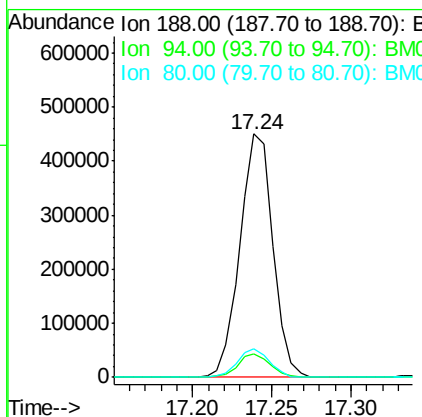
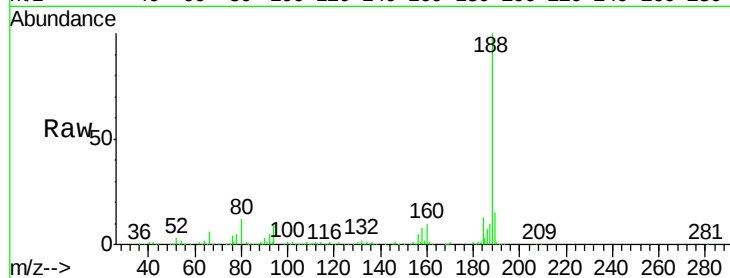
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	646882		
94	9.6		8.7	13.1
80	11.6		9.3	13.9

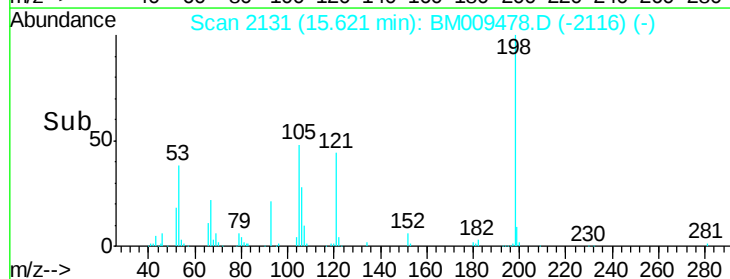
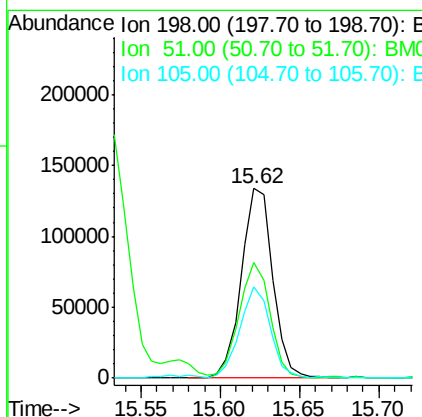
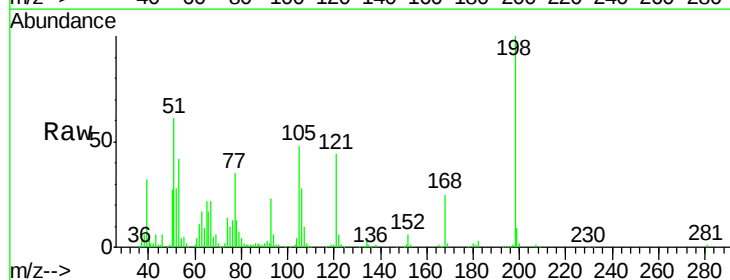
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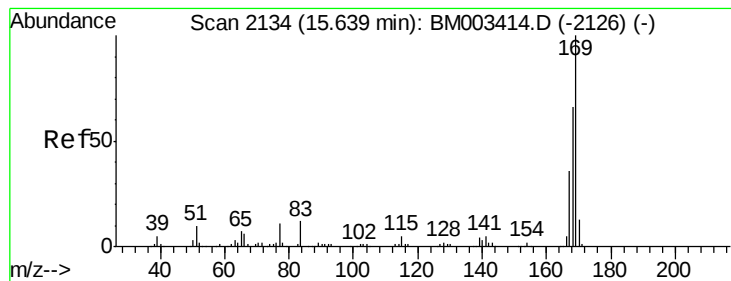
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.32 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	184707		
51	61.2		28.8	68.8
105	48.1		30.5	70.5





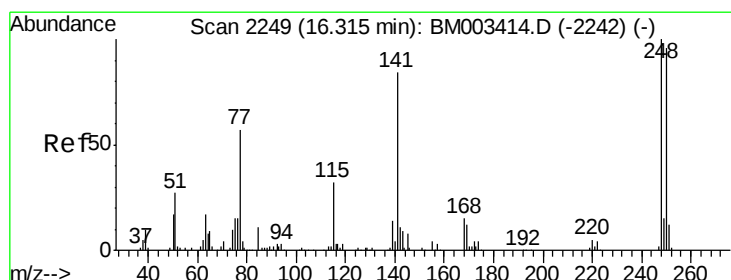
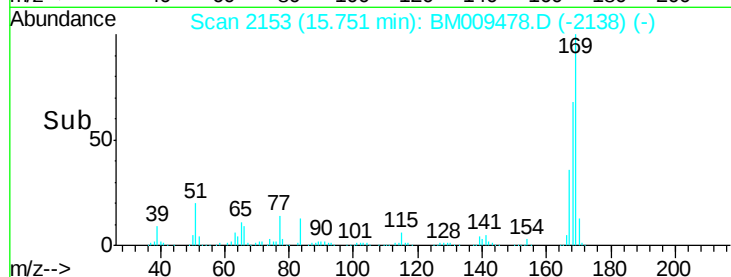
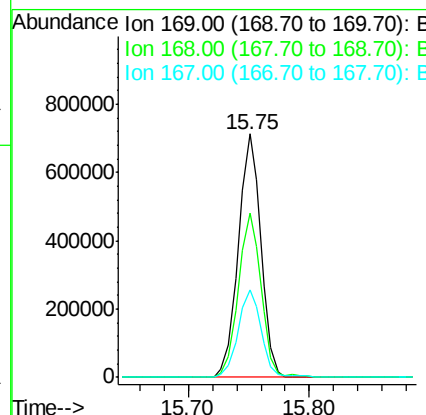
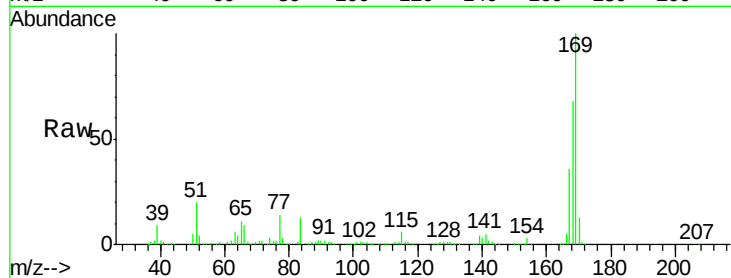
#65
n-Nitrosodiphenylamine
Concen: 47.26 ng
RT: 15.75 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.6	53.9	80.9	
167	36.1	28.9	43.3	

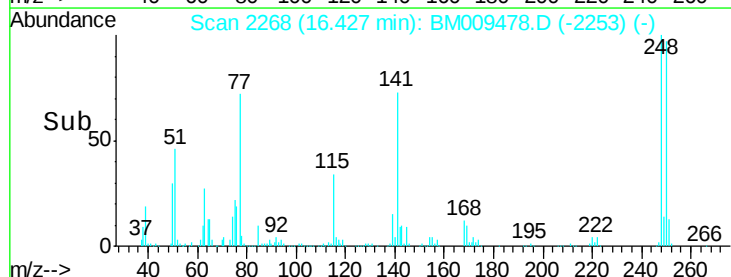
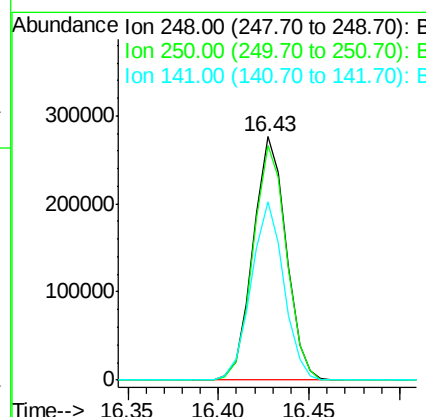
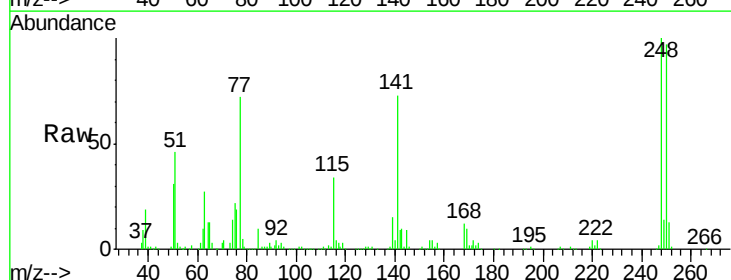
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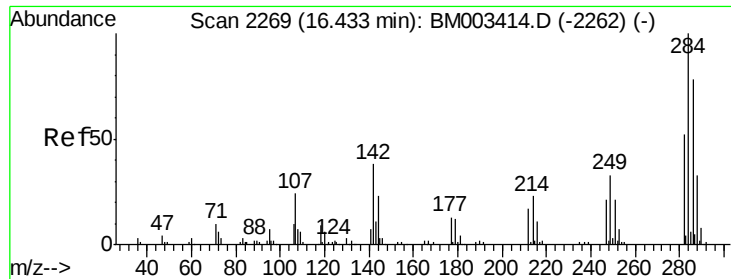
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#66
4-Bromophenyl-phenylether
Concen: 46.74 ng
RT: 16.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.6	77.4	116.0	
141	73.4	45.2	67.8#	





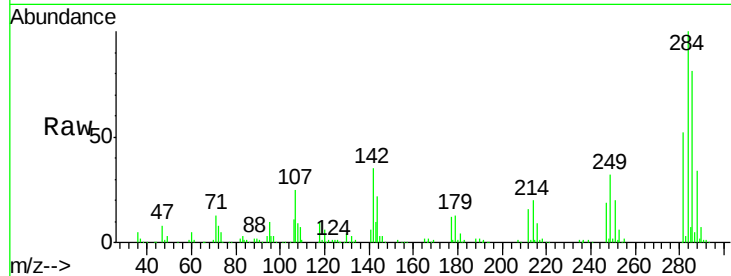
#67
Hexachlorobenzene
Concen: 46.11 ng
RT: 16.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

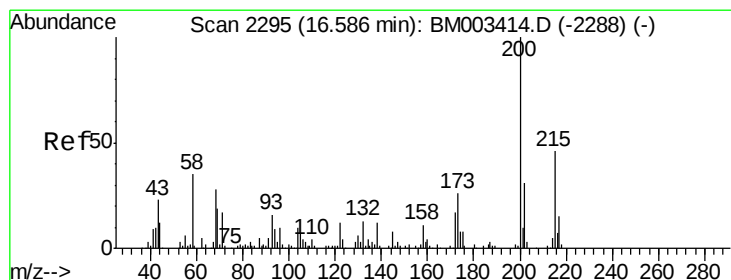
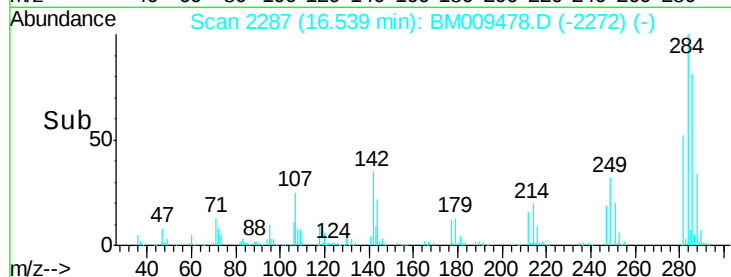
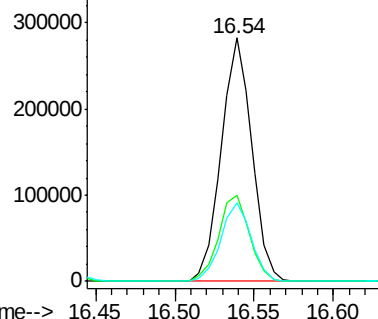
Tot Ion	Ratio	Resp	Lower	Upper
284	100	378780		
142	35.3	20.4	30.6	
249	32.1	23.8	35.6	

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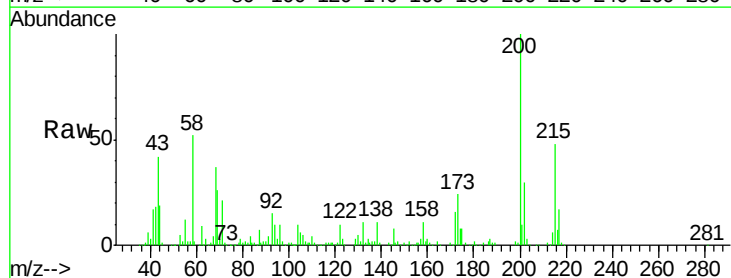


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

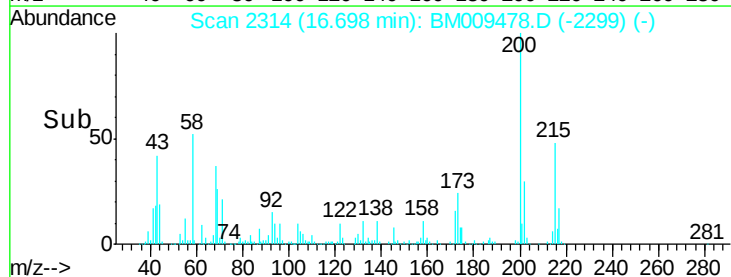
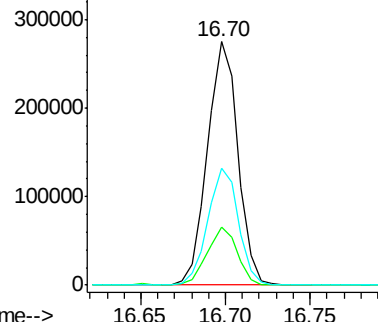


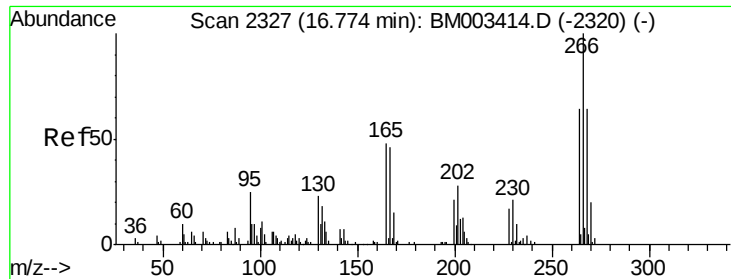
#68
Atrazine
Concen: 46.72 ng
RT: 16.70 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	345237		
173	23.9	4.8	44.8	
215	47.9	26.9	66.9	



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





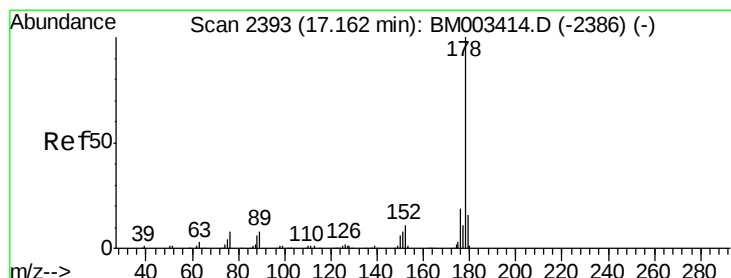
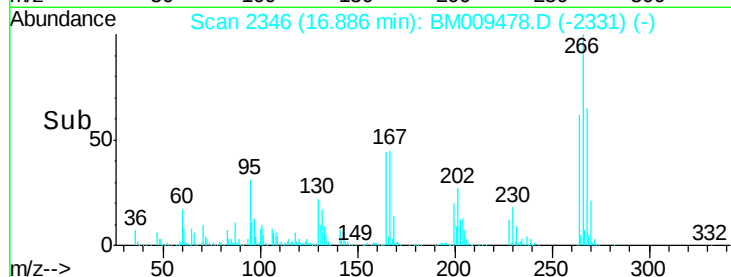
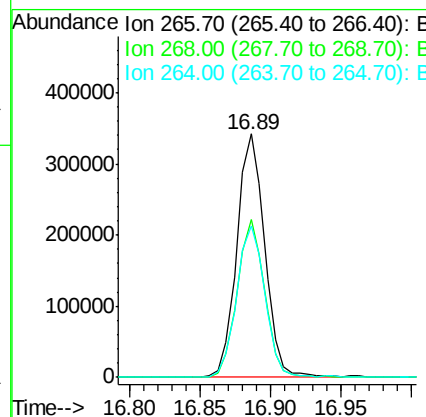
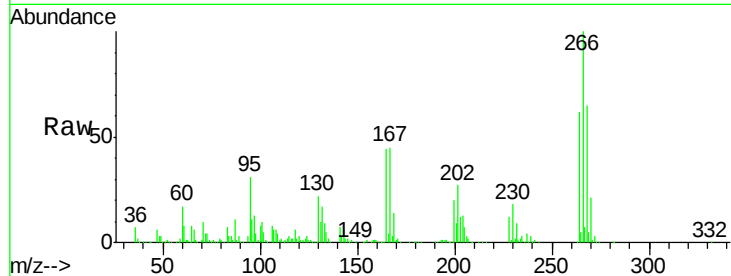
#69
 Pentachlorophenol
 Concen: 93.66 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009478.D
 Acq: 31 Mar 2017 17:47

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	52.0	78.0
264	62.5	49.0	73.4

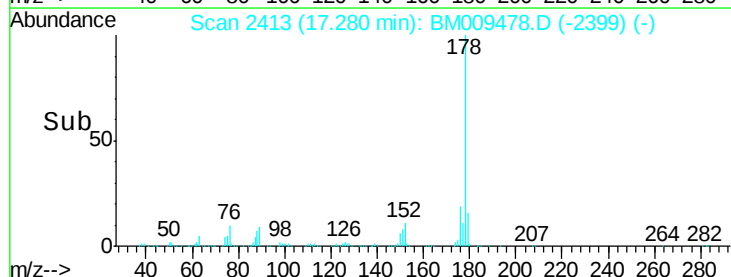
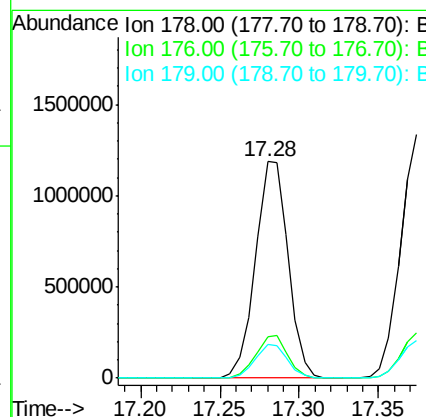
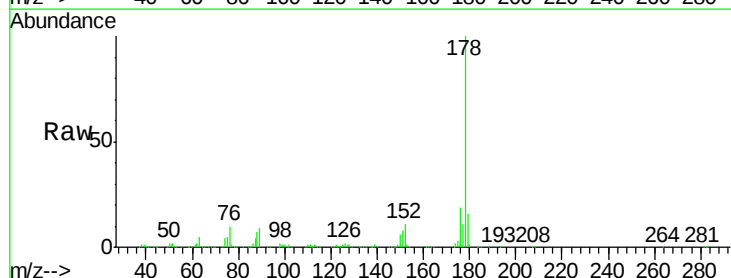
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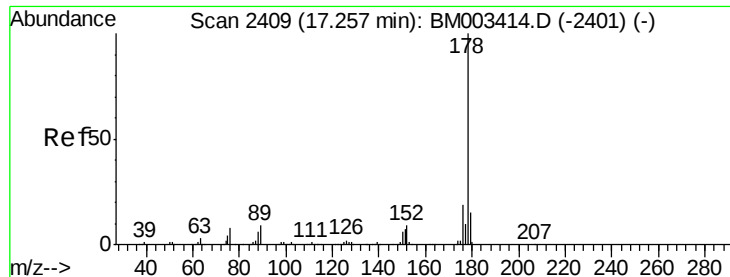
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#70
 Phenanthrene
 Concen: 46.05 ng
 RT: 17.28 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BM009478.D
 Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.7	12.1	18.1





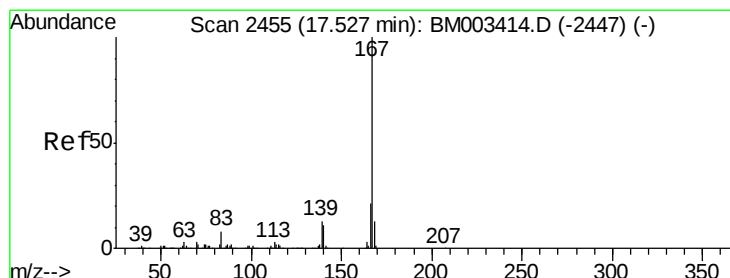
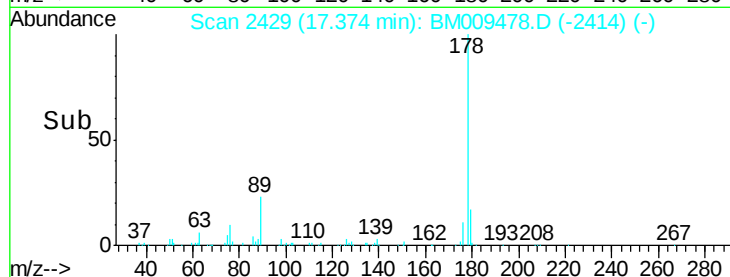
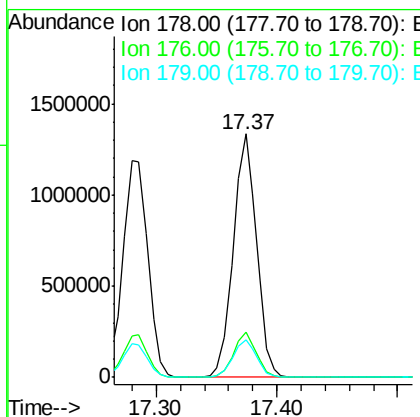
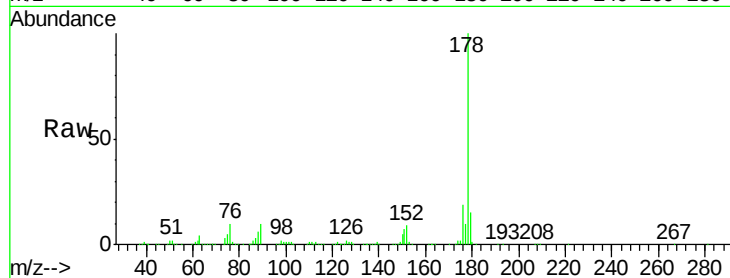
#71
 Anthracene
 Concen: 47.79 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM009478.D
 Acq: 31 Mar 2017 17:47

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BS

Tot Ion:178 Resp: 1789826
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.6 22.0
 179 15.3 12.6 19.0

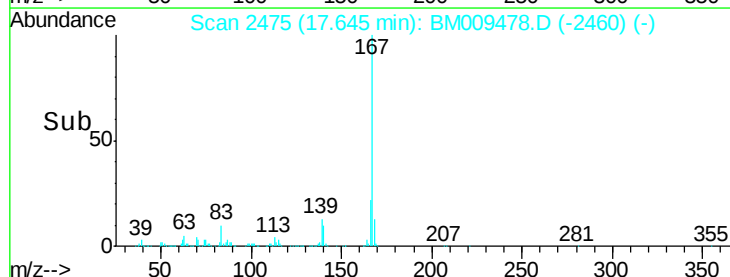
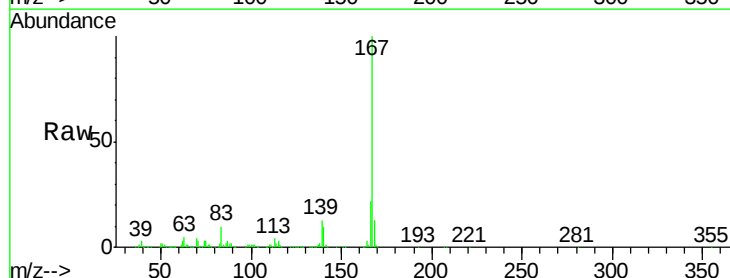
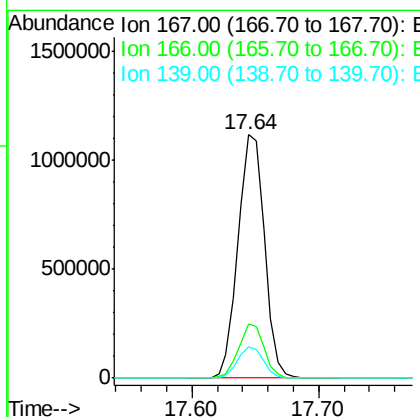
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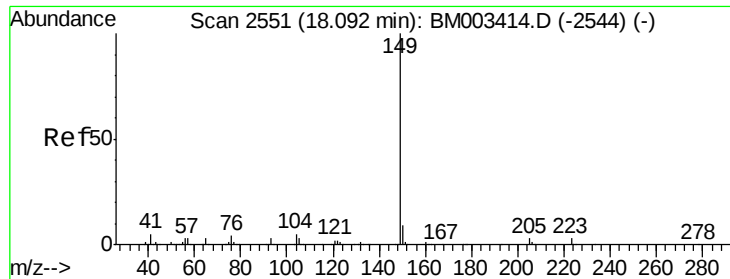
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#72
 Carbazole
 Concen: 44.77 ng
 RT: 17.64 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BM009478.D
 Acq: 31 Mar 2017 17:47

Tgt Ion:167 Resp: 1605729
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.2 25.8
 139 12.7 10.8 16.2





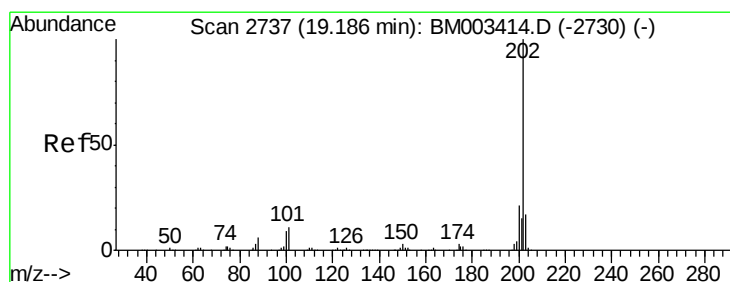
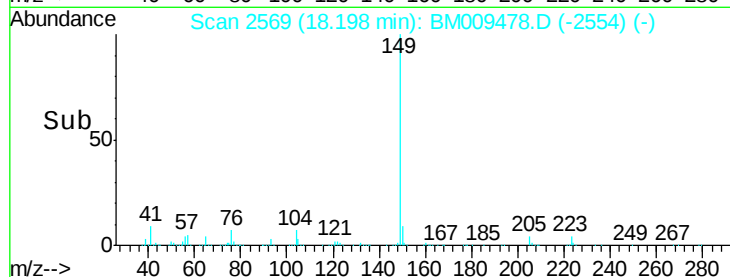
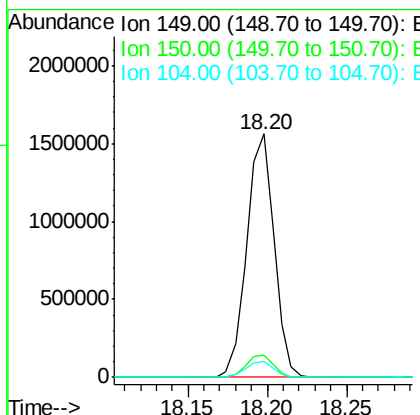
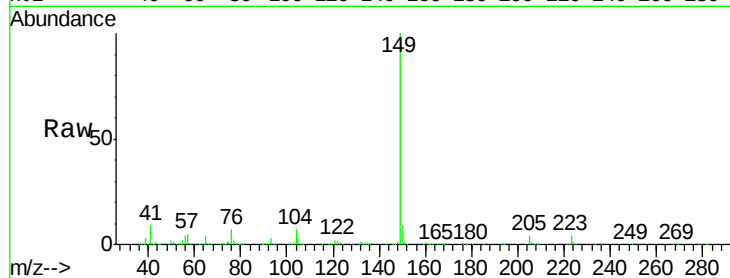
#73
Di-n-butylphthalate
Concen: 50.96 ng
RT: 18.20 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion:149 Resp: 1867017
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 6.6 3.7 5.5#

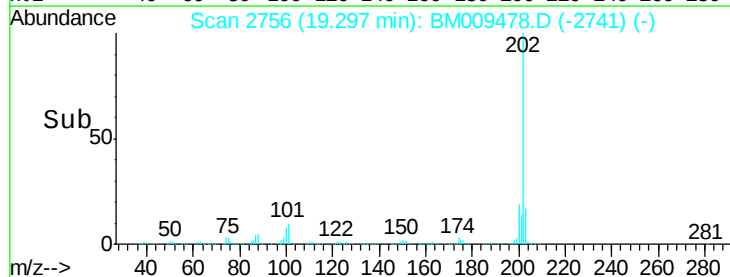
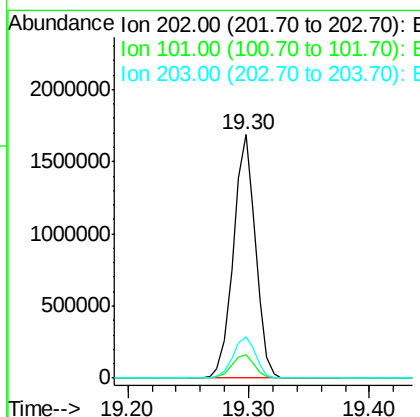
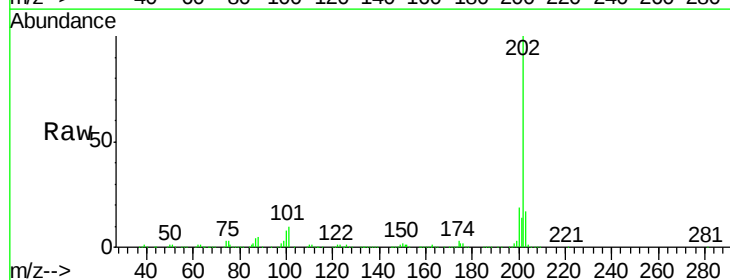
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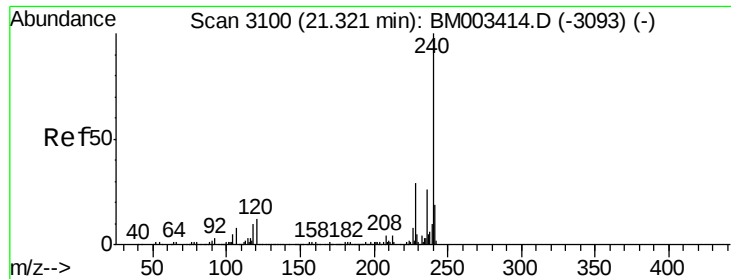
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#74
Fluoranthene
Concen: 48.94 ng
RT: 19.30 min Scan# 2756
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion:202 Resp: 2144442
Ion Ratio Lower Upper
202 100
101 9.5 0.0 28.7
203 17.0 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.41 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009478.D

Acq: 31 Mar 2017 17:47

Instrument :

BNA_M

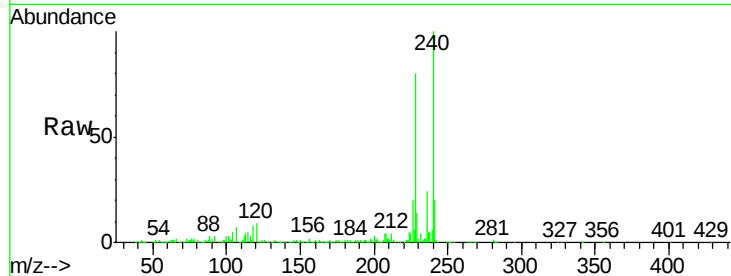
ClientSampleId :

PB97950BS

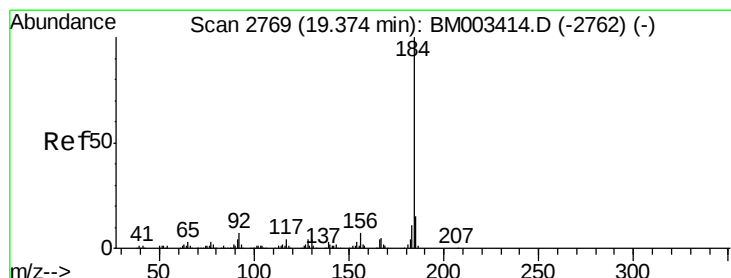
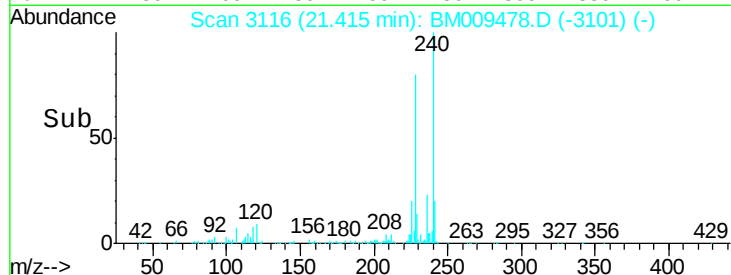
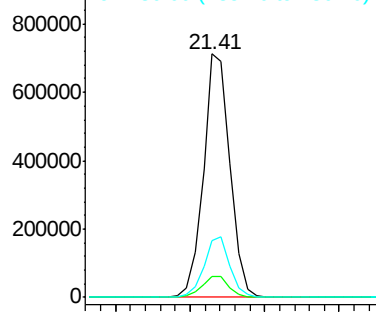
Tot Ion:	240	Resp:	882147
Ion Ratio	Lower	Upper	
240	100		
120	8.5	8.2	12.2
236	23.6	20.0	30.0

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.89 ng

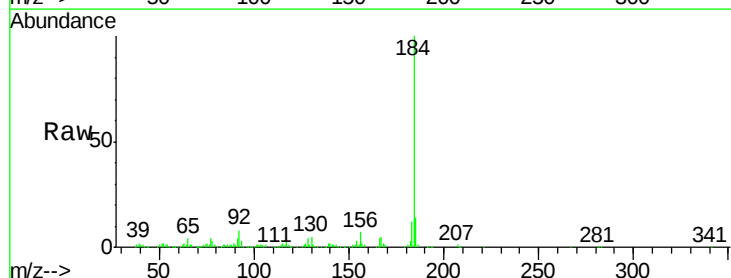
RT: 19.49 min Scan# 2788

Delta R.T. -0.01 min

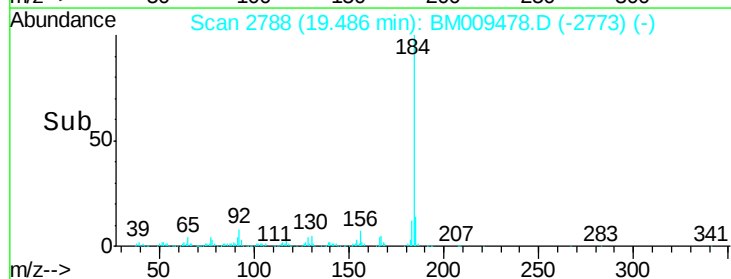
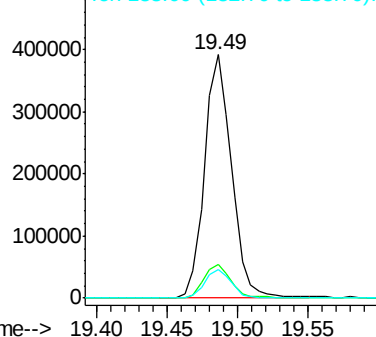
Lab File: BM009478.D

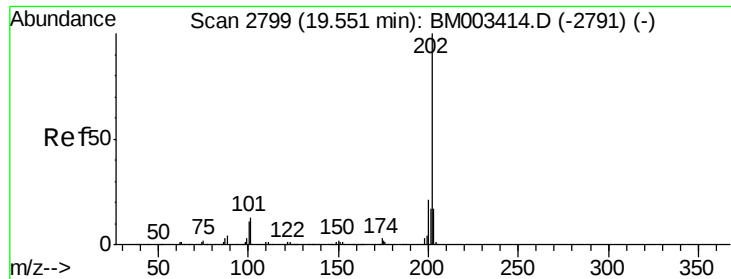
Acq: 31 Mar 2017 17:47

Tgt Ion:	184	Resp:	523022
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.3	16.9
183	11.8	8.9	13.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





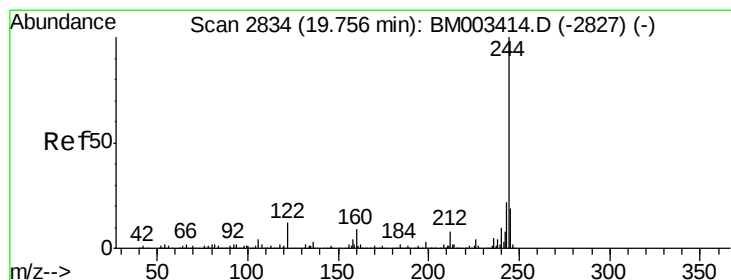
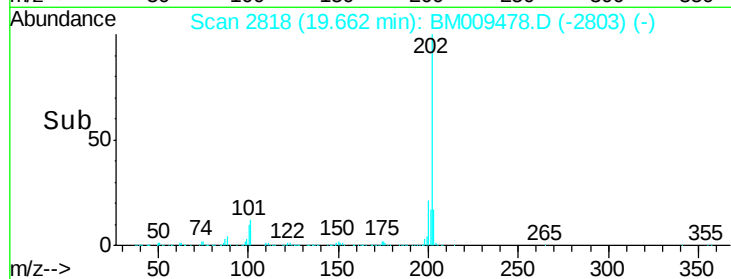
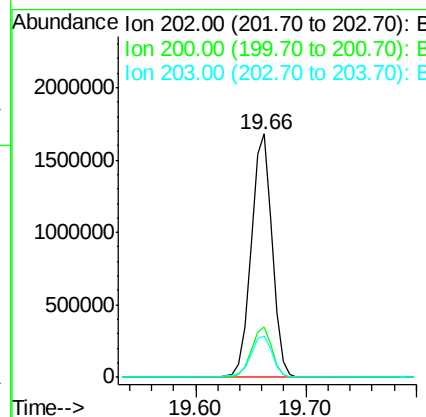
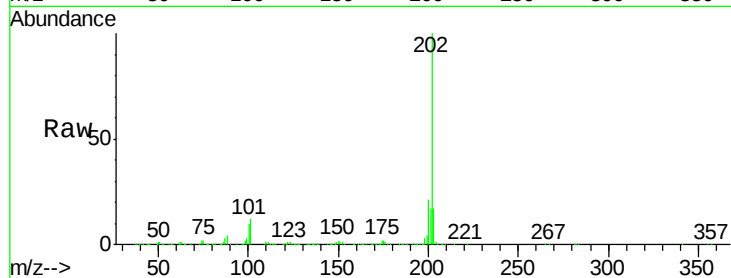
#77
Pvrene
Concen: 44.48 ng
RT: 19.66 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.1	14.1	21.1

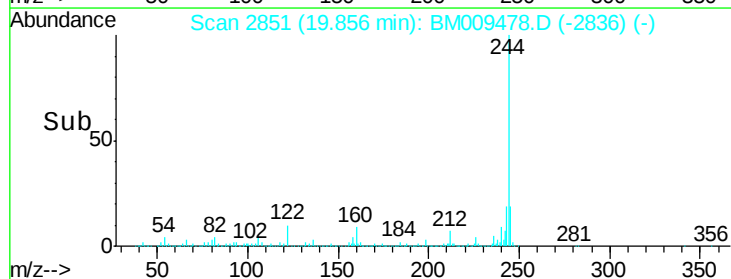
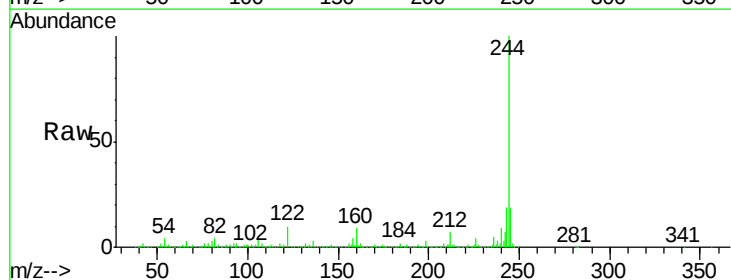
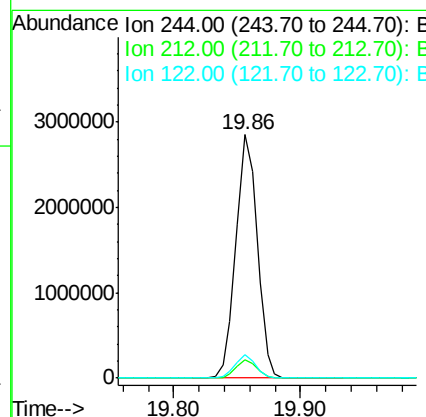
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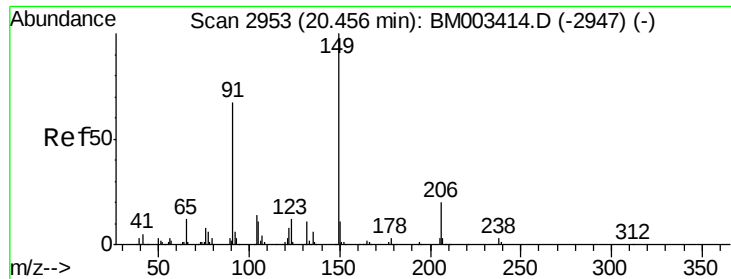
mohammad
4/3/2017 11:49:41 AM



#78
Terphenyl-d14
Concen: 78.17 ng
RT: 19.86 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	9.7	6.2	9.4#





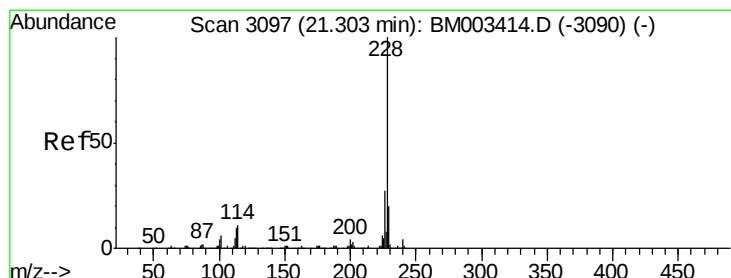
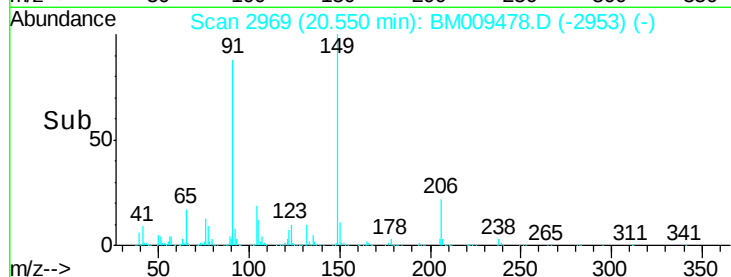
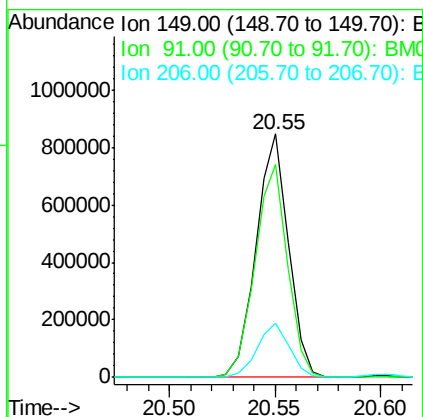
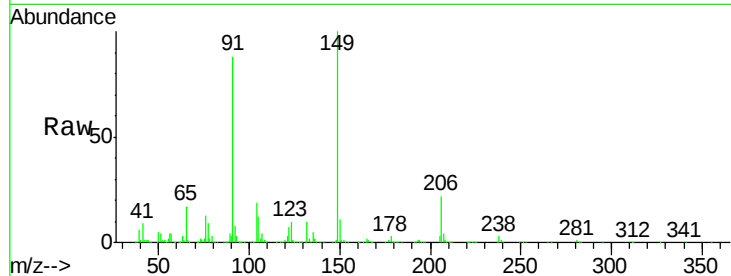
#79
Butylbenzylphthalate
Concen: 50.14 ng
RT: 20.55 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	87.5	50.1	75.1#
206	22.2	16.2	24.2

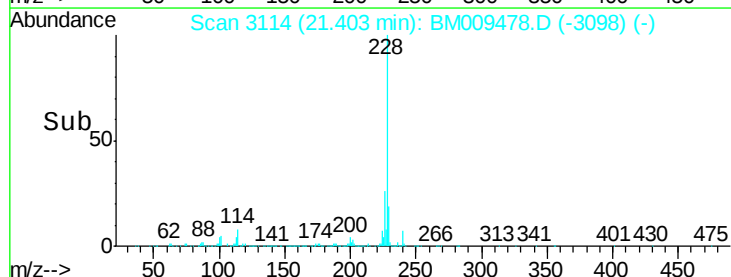
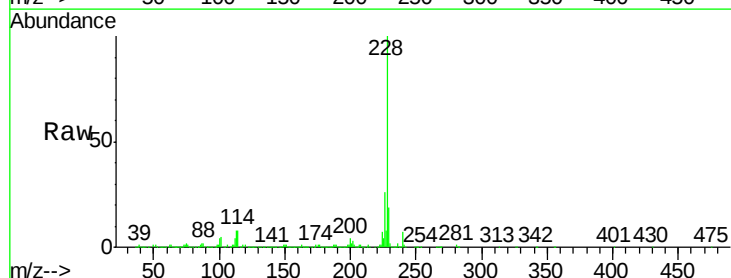
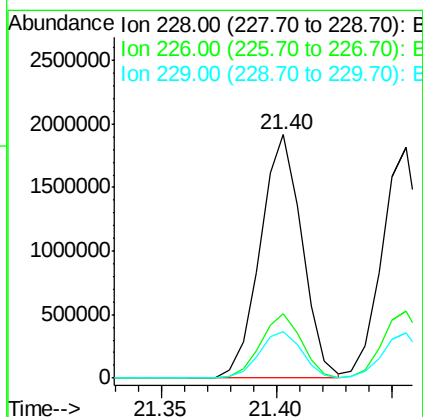
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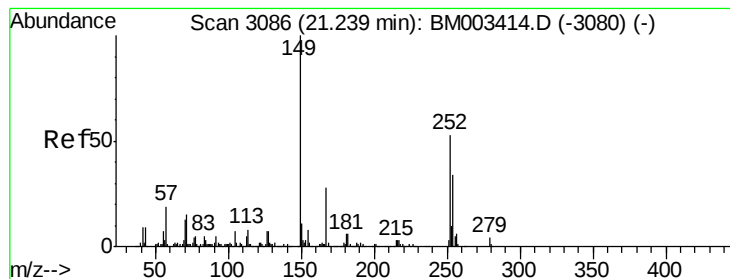
mohammad
4/3/2017 11:49:41 AM



#80
Benzo(a)anthracene
Concen: 46.75 ng
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.7	32.5
229	18.9	16.0	24.0





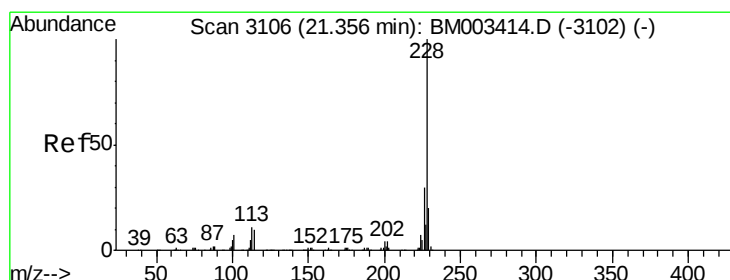
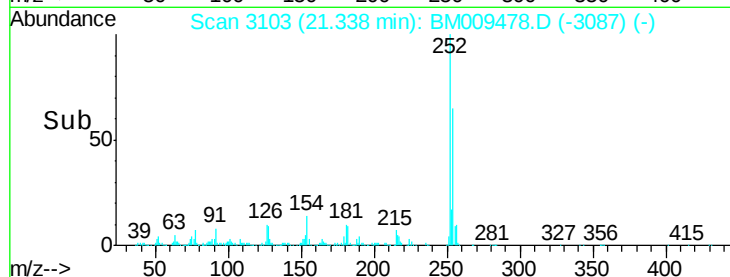
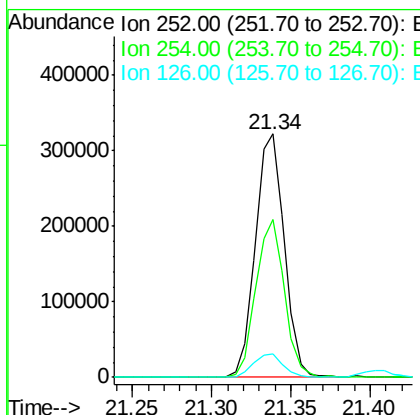
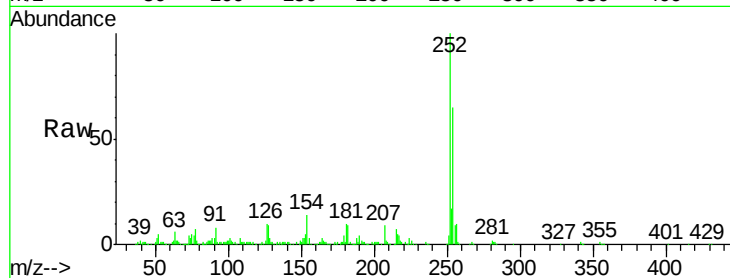
#81
 3,3'-Dichlorobenzidine
 Concen: 21.23 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009478.D
 Acq: 31 Mar 2017 17:47

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	9.8	9.8	14.8

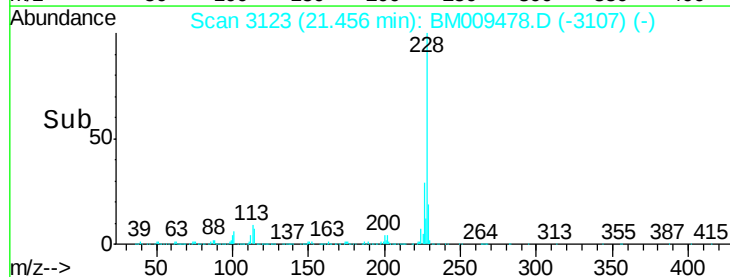
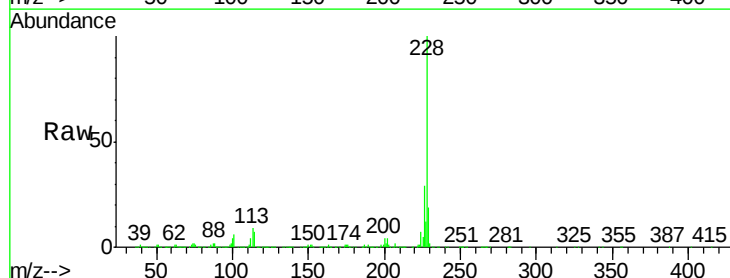
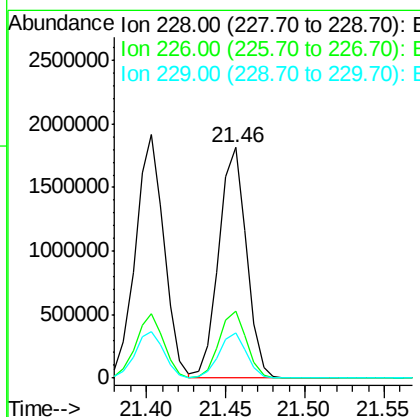
Manual Integrations
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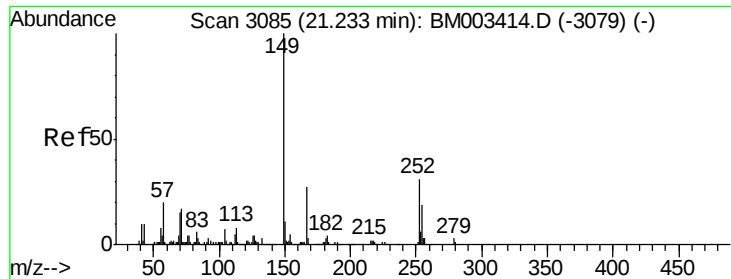
mohammad
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#82
 Chrysene
 Concen: 44.77 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM009478.D
 Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.1	36.1
229	19.4	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.20 ng

RT: 21.31 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM009478.D

Acq: 31 Mar 2017 17:47

Instrument :

BNA_M

ClientSampleId :

PB97950BS

Tot Ion:149 Resp: 1322715

Ion Ratio Lower Upper

149 100

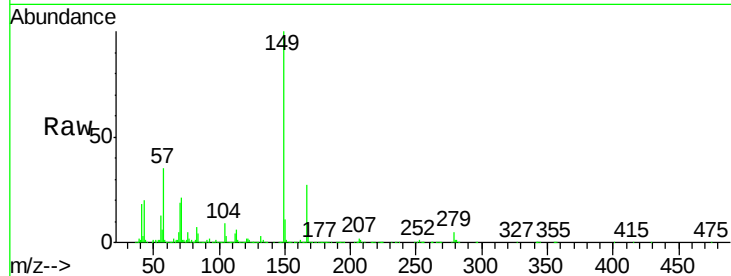
167 27.3 22.4 33.6

279 4.8 3.4 5.0

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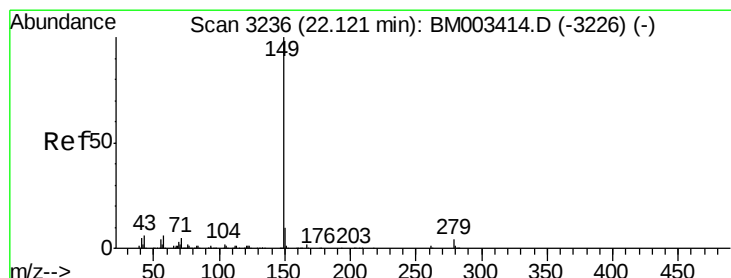
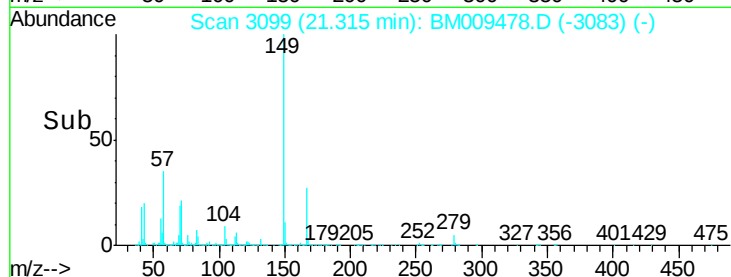
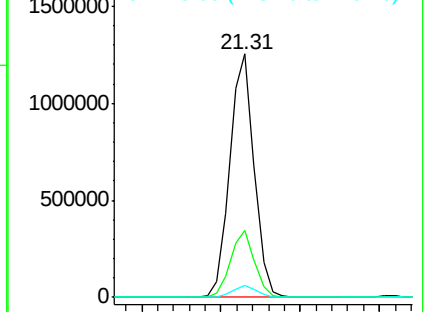
4/3/2017 11:49:41 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.68 ng

RT: 22.21 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BM009478.D

Acq: 31 Mar 2017 17:47

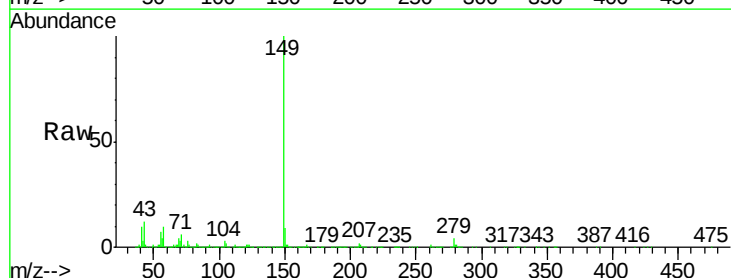
Tgt Ion:149 Resp: 2401479

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

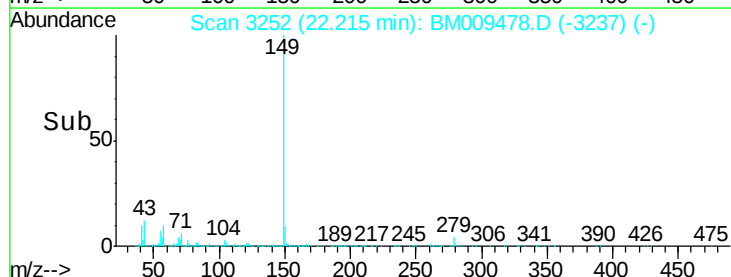
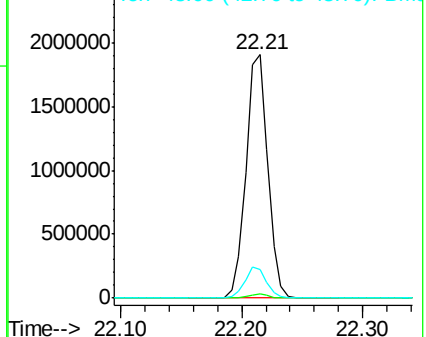
43 12.9 7.3 10.9#

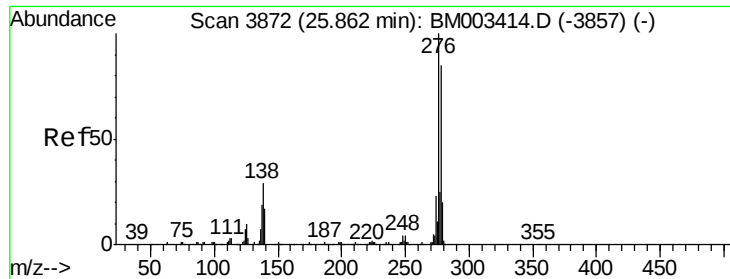


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





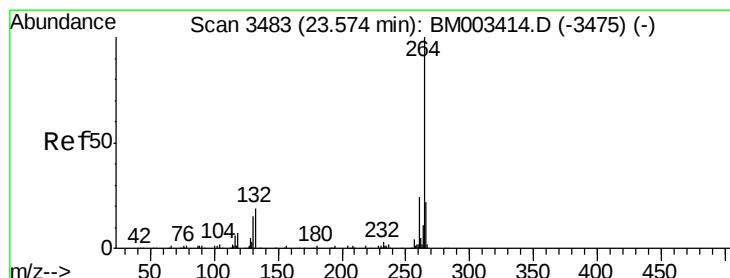
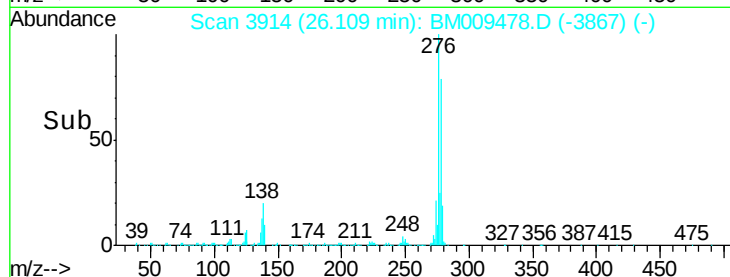
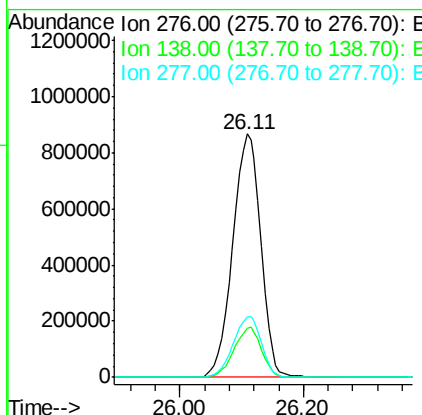
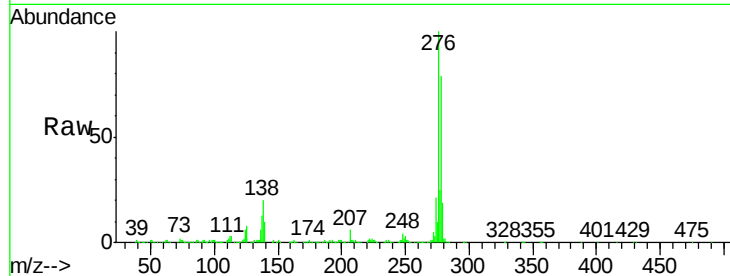
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.99 ng
RT: 26.11 min Scan# 3914
Delta R.T. -0.02 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	0.0	0.0#
277	25.1	0.0	0.0#

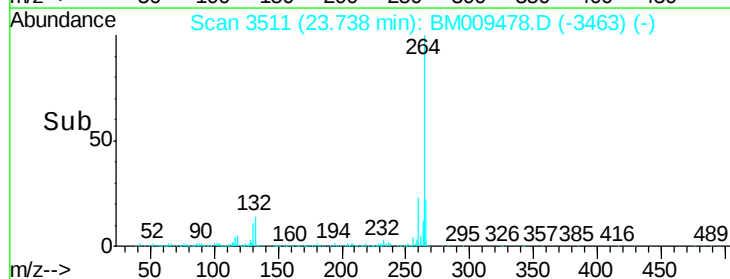
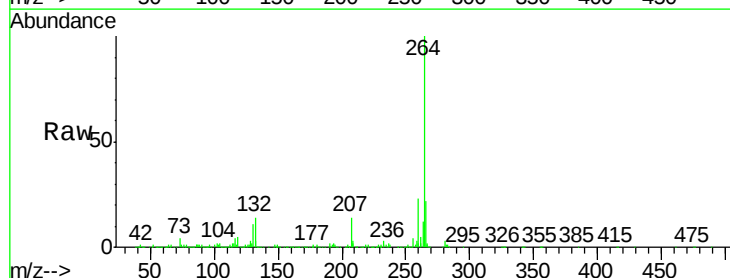
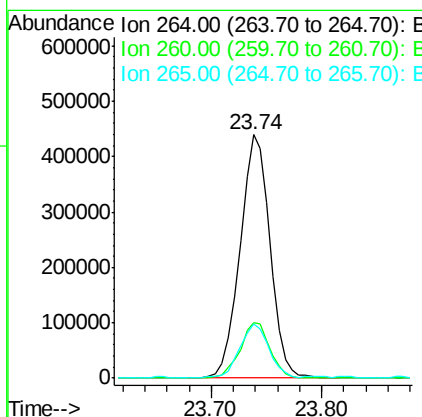
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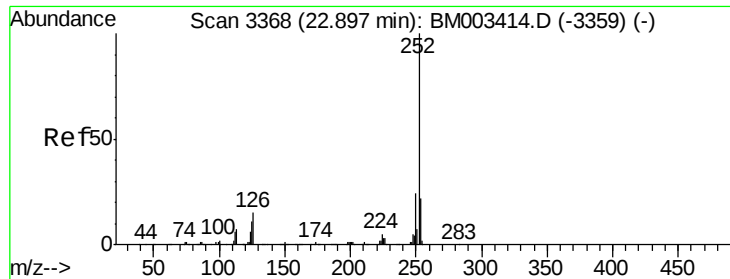
mohammad
4/3/2017 11:49:41 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	22.1	17.3	25.9





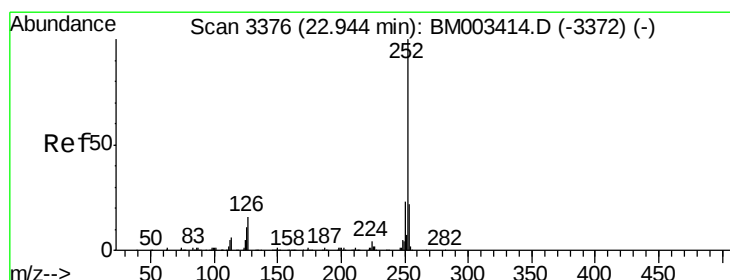
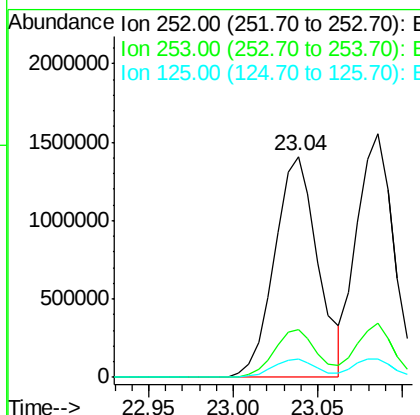
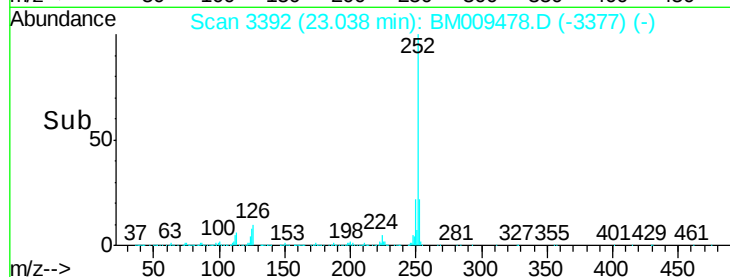
#87
Benzo(b)fluoranthene
Concen: 47.27 ng
RT: 23.04 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	8.1	9.9	14.9

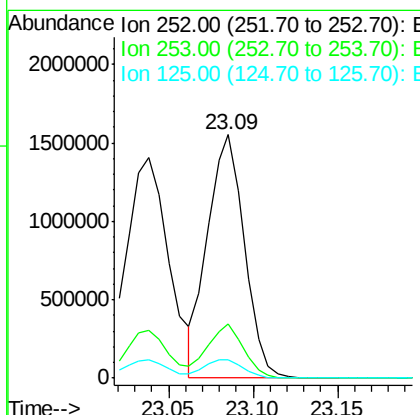
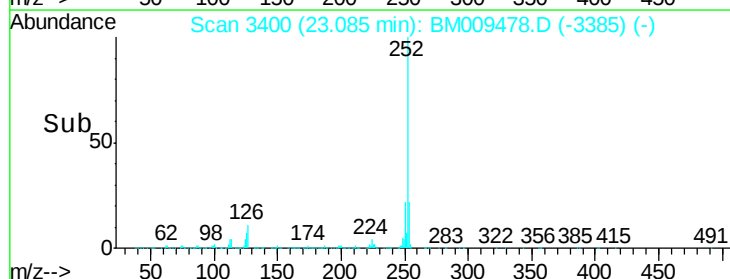
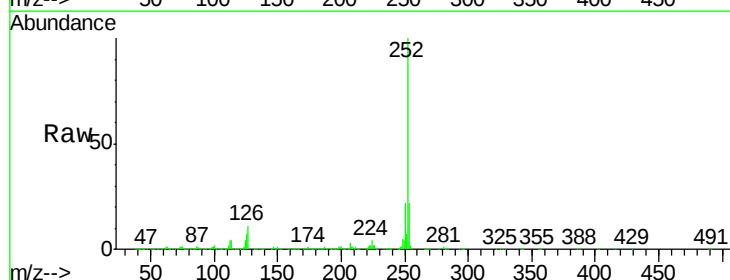
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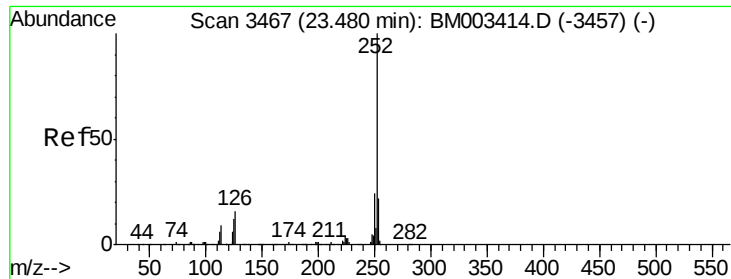
mohammad
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#88
Benzo(k)fluoranthene
Concen: 45.96 ng
RT: 23.09 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	7.4	8.1	12.1





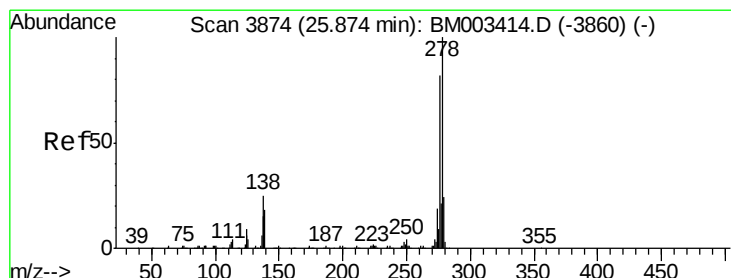
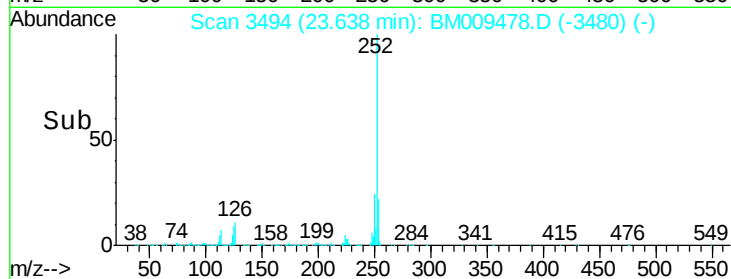
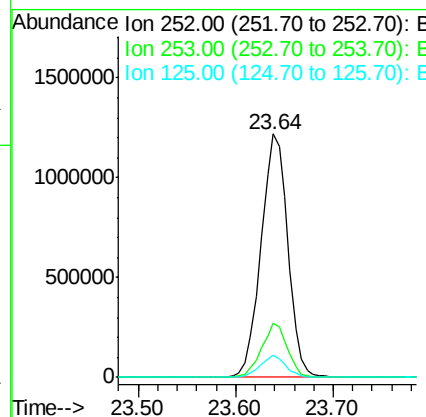
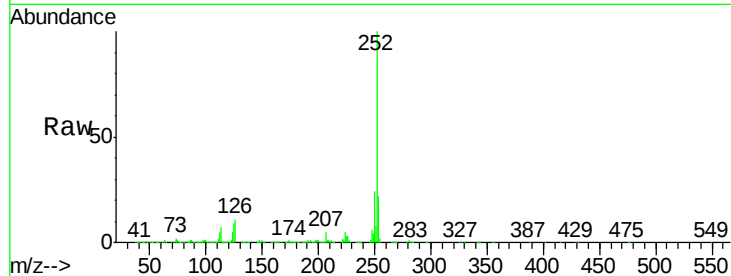
#89
Benzo(a)pyrene
Concen: 47.83 ng
RT: 23.64 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	8.9	7.4	11.2

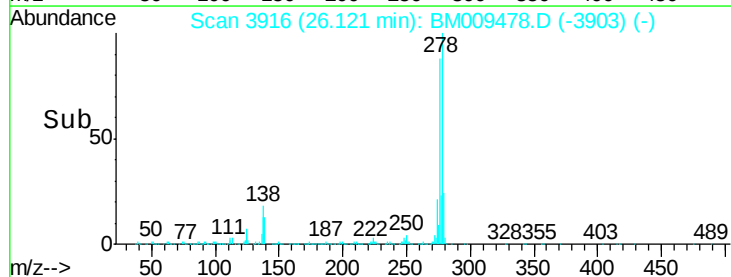
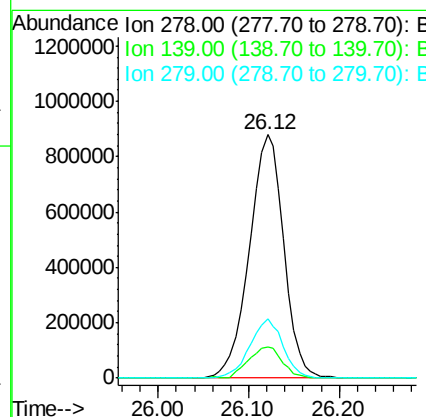
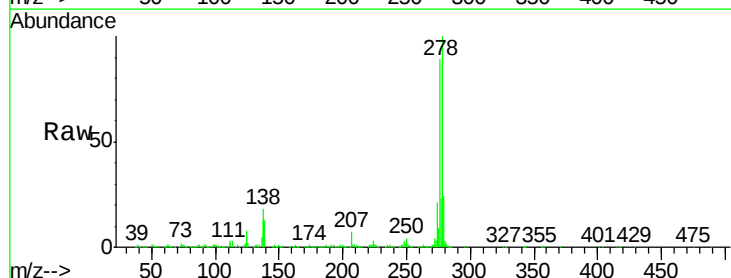
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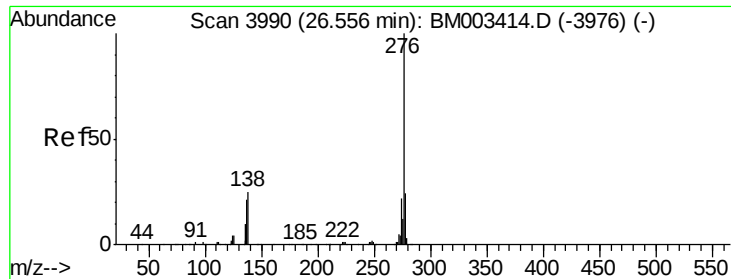
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 47.98 ng
RT: 26.12 min Scan# 3916
Delta R.T. -0.02 min
Lab File: BM009478.D
Acq: 31 Mar 2017 17:47

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





#91
 Benzo(a,h,i)perylene
 Concen: 47.71 ng
 RT: 26.84 min Scan# 4038
 Delta R.T. -0.02 min
 Lab File: BM009478.D
 Acq: 31 Mar 2017 17:47

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.5	27.7
138	17.5	19.0	28.6

Manual Integrations
 APPROVED

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