

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009501.D
 Acq On : 03 Apr 2017 15:41
 Operator : SJ/MA
 Sample : PB97981BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

Manual Integrations
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 4/4/2017 5:33:15 PM

Quant Time: Apr 04 03:26:36 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	110950	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	458923	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	271051	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	645955	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	857829	20.00	ng	-0.01
86) Perylene-d12	23.74	264	809230	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	930835	139.84	ng	-0.01
7) Phenol-d6	7.01	99	1297240	142.92	ng	-0.01
23) Nitrobenzene-d5	9.01	82	950145	77.63	ng	-0.02
41) 2,4,6-Tribromophenol	15.99	330	485116	144.07	ng	-0.01
44) 2-Fluorobiphenyl	13.10	172	1807122	80.34	ng	-0.02
78) Terphenyl-d14	19.86	244	2922467	71.19	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	102484	30.62	ng	# 100
3) Pyridine	3.75	79	329010	34.78	ng	# 85
4) n-Nitrosodimethylamine	3.67	42	210223	41.75	ng	# 62
6) Aniline	7.18	93	301780	24.46	ng	# 93
8) 2-Chlorophenol	7.41	128	307483	45.56	ng	# 83
9) Benzaldehyde	6.99	77	228130	31.93	ng	# 79
10) Phenol	7.03	94	449380	45.69	ng	# 89
11) bis(2-Chloroethyl)ether	7.27	93	325160	40.33	ng	# 85
12) 1,3-Dichlorobenzene	7.73	146	322197	39.87	ng	# 87
13) 1,4-Dichlorobenzene	7.88	146	331913	39.75	ng	# 93
14) 1,2-Dichlorobenzene	8.20	146	317063	39.11	ng	# 92
15) Benzyl Alcohol	8.09	79	364468	45.93	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.37	45	555277	39.63	ng	# 96
17) 2-Methylphenol	8.28	107	288427	44.82	ng	# 85
18) Hexachloroethane	8.92	117	139016	40.70	ng	# 91
19) n-Nitroso-di-n-propylamine	8.65	70	317883	43.44	ng	# 91
20) 3+4-Methylphenols	8.61	107	377783	43.18	ng	# 89
22) Acetophenone	8.67	105	500970	38.71	ng	# 89
24) Nitrobenzene	9.06	77	468358	39.06	ng	# 94
25) Isophorone	9.57	82	769398	41.21	ng	# 88
26) 2-Nitrophenol	9.76	139	150797	41.70	ng	# 43
27) 2,4-Dimethylphenol	9.81	122	289841	43.81	ng	# 80
28) bis(2-Chloroethoxy)methane	10.05	93	455343	39.39	ng	# 98
29) 2,4-Dichlorophenol	10.29	162	304210	43.98	ng	# 93
30) 1,2,4-Trichlorobenzene	10.50	180	333252	38.83	ng	# 99
31) Naphthalene	10.69	128	930149	38.19	ng	# 99
32) Benzoic acid	9.93	122	133562	29.86	ng	# 74
33) 4-Chloroaniline	10.81	127	129676	13.80	ng	# 80
34) Hexachlorobutadiene	10.96	225	220255	37.48	ng	# 95
35) Caprolactam	11.59	113	89493m	42.38	ng	# 95
36) 4-Chloro-3-methylphenol	11.92	107	343335	43.87	ng	# 79
37) 2-Methylnaphthalene	12.30	142	694251	41.29	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	395316	38.63	ng	# 100
40) Hexachlorocyclopentadiene	12.65	237	480880	81.87	ng	# 99

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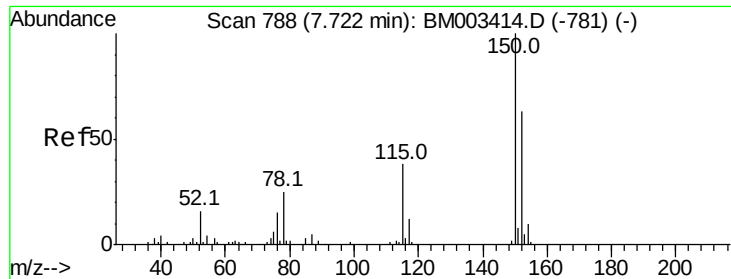
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	258554	44.19	nq	99
43) 2,4,5-Trichlorophenol	12.99	196	264306	40.48	nq	# 88
45) 1,1'-Biphenyl	13.32	154	898968	39.85	nq	98
46) 2-Chloronaphthalene	13.36	162	717397	40.94	nq	95
47) 2-Nitroaniline	13.57	65	283809	43.96	nq	# 71
48) Acenaphthylene	14.22	152	1147681	40.21	nq	99
49) Dimethylphthalate	13.95	163	911399	43.79	nq	# 99
50) 2,6-Dinitrotoluene	14.07	165	197503	44.04	nq	# 69
51) Acenaphthene	14.56	154	700977	40.71	nq	98
52) 3-Nitroaniline	14.40	138	101731	23.02	nq	# 65
53) 2,4-Dinitrophenol	14.61	184	202599	67.87	nq	98
54) Dibenzofuran	14.89	168	1135782	44.60	nq	96
55) 4-Nitrophenol	14.70	139	327923	89.79	nq	# 17
56) 2,4-Dinitrotoluene	14.86	165	282293	46.53	nq	98
57) Fluorene	15.54	166	935904	40.89	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.12	232	256878	46.52	nq	# 100
59) Diethylphthalate	15.31	149	935612	44.32	nq	99
60) 4-Chlorophenyl-phenylether	15.53	204	478854	40.07	nq	98
61) 4-Nitroaniline	15.57	138	200805	41.84	nq	# 30
62) Azobenzene	15.83	77	1201538	48.75	nq	86
64) 4,6-Dinitro-2-methylphenol	15.62	198	155016	38.09	nq	89
65) n-Nitrosodiphenylamine	15.75	169	808479	41.20	nq	99
66) 4-Bromophenyl-phenylether	16.43	248	301018	40.22	nq	# 92
67) Hexachlorobenzene	16.54	284	326592	39.81	nq	# 90
68) Atrazine	16.70	200	296312	40.15	nq	96
69) Pentachlorophenol	16.89	266	389708	77.77	nq	99
70) Phenanthrene	17.28	178	1493591	40.44	nq	99
71) Anthracene	17.37	178	1545876	41.34	nq	99
72) Carbazole	17.64	167	1387975	38.75	nq	100
73) Di-n-butylphthalate	18.19	149	1605325	43.88	nq	# 98
74) Fluoranthene	19.30	202	1830212	41.83	nq	98
76) Benzidine	19.49	184	735907	28.78	nq	99
77) Pyrene	19.66	202	1924395	39.55	nq	100
79) Butylbenzylphthalate	20.54	149	775879	44.29	nq	# 71
80) Benzo(a)anthracene	21.40	228	2054201	41.00	nq	99
81) 3,3'-Dichlorobenzidine	21.34	252	451227	24.05	nq	# 94
82) Chrysene	21.46	228	1848933	38.65	nq	99
83) Bis(2-ethylhexyl)phthalate	21.31	149	1127572	43.13	nq	97
84) Di-n-octyl phthalate	22.21	149	2024249	46.53	nq	# 90
85) Indeno(1,2,3-cd)pyrene	26.11	276	2279056	43.68	nq	# 100
87) Benzo(b)fluoranthene	23.03	252	2087913	40.70	nq	# 96
88) Benzo(k)fluoranthene	23.08	252	2069561	41.95	nq	97
89) Benzo(a)pyrene	23.64	252	2020292	42.53	nq	98
90) Dibenzo(a,h)anthracene	26.11	278	1921711	41.30	nq	# 95
91) Benzo(g,h,i)perylene	26.83	276	1857007	40.94	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BM009501.D

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Instrument :

BNA_M

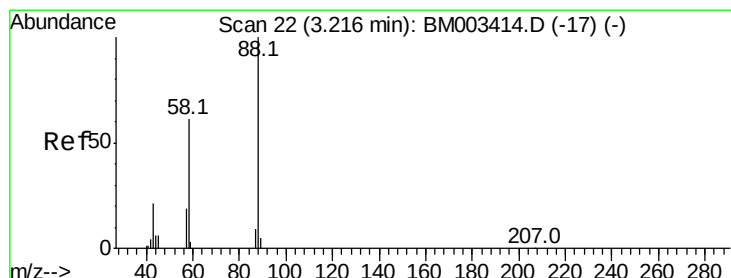
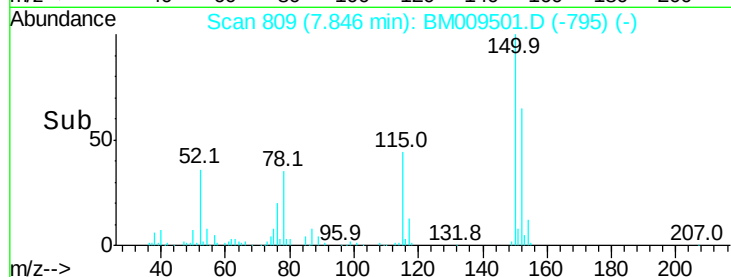
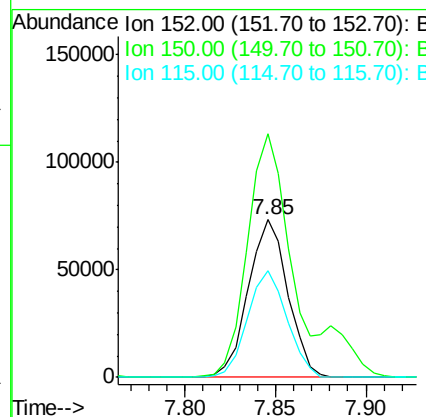
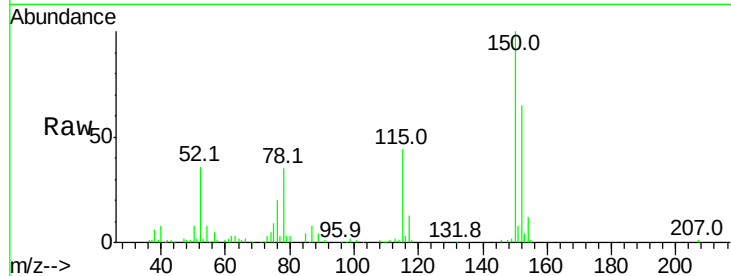
ClientSampled :

PB97981BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	119.5	179.3
115	67.9	43.0	64.4

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#2

1,4-Dioxane

Concen: 30.62 ng

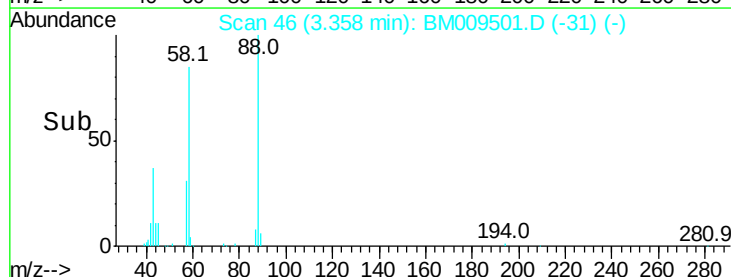
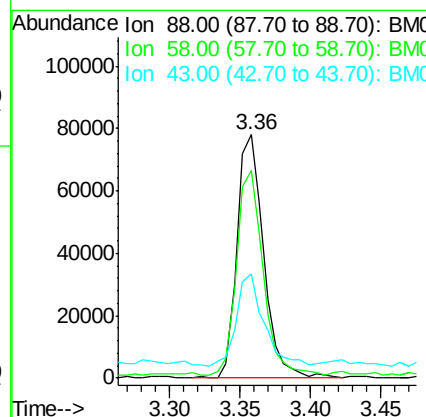
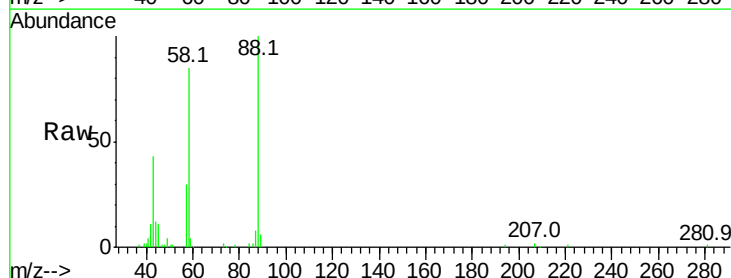
RT: 3.36 min Scan# 46

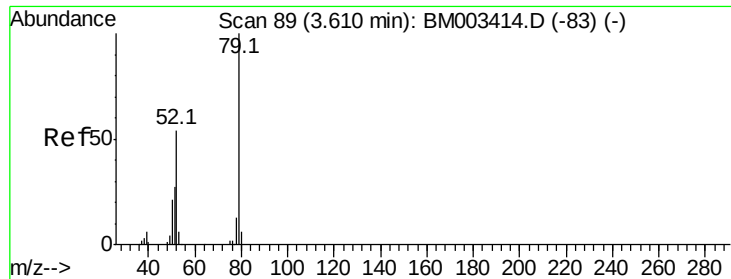
Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.0	0.0	0.0
43	39.3	0.0	0.0





#3

Pvridine

Concen: 34.78 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

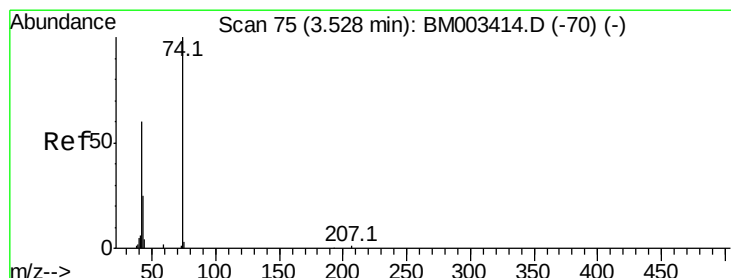
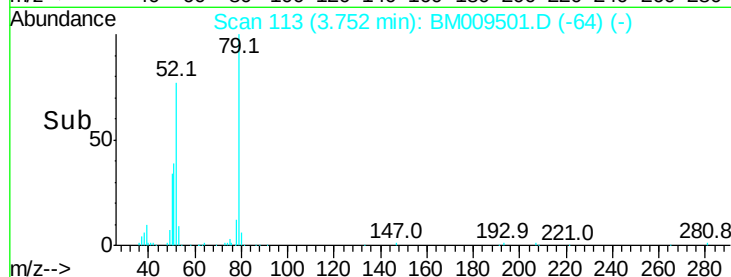
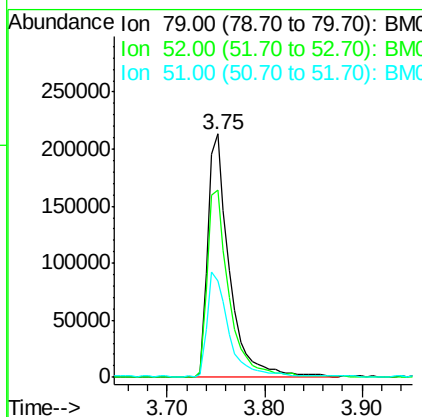
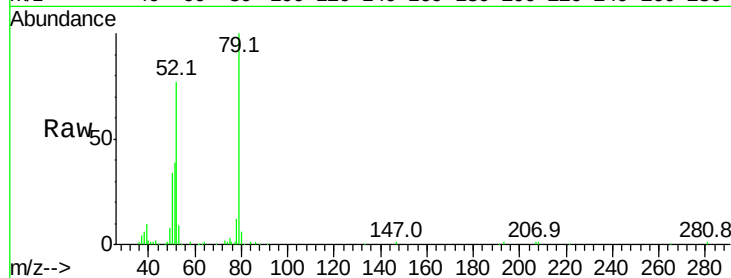
ClientSampleId :

PB97981BS

Tot Ion:	79	Resp:	329010
Ion Ratio	Lower	Upper	
79	100		
52	77.0	51.1	76.7#
51	39.4	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 41.75 ng

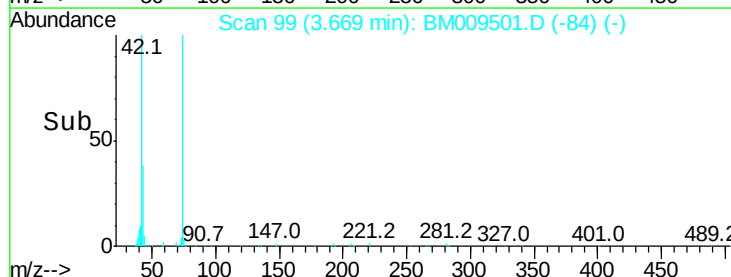
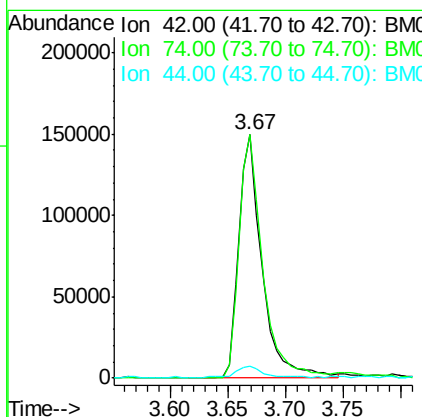
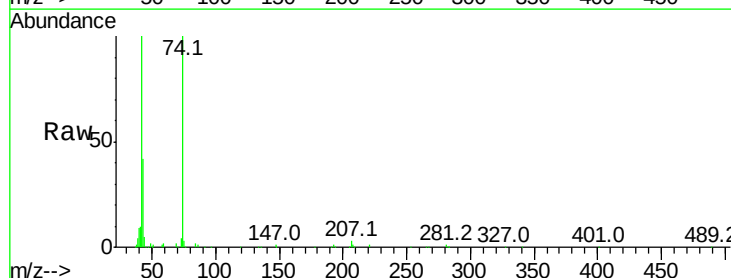
RT: 3.67 min Scan# 99

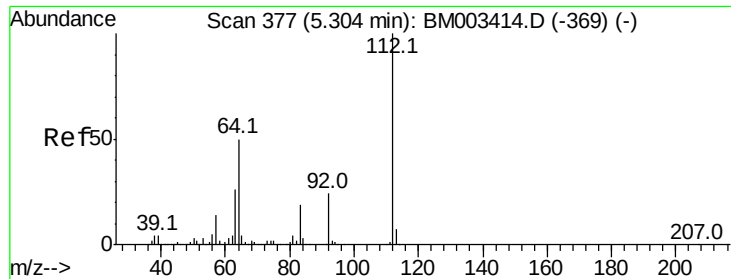
Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Tgt Ion:	42	Resp:	210223
Ion Ratio	Lower	Upper	
42	100		
74	99.8	119.3	178.9#
44	4.9	5.4	8.2#





#5

2-Fluorophenol

Concen: 139.84 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

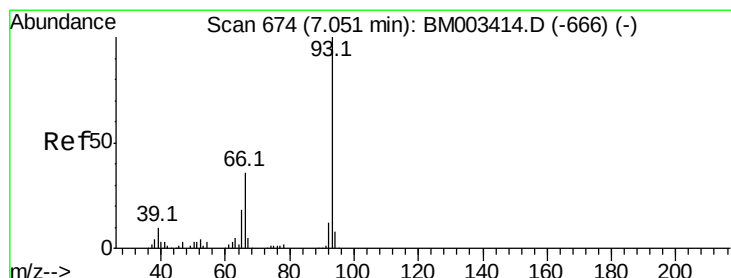
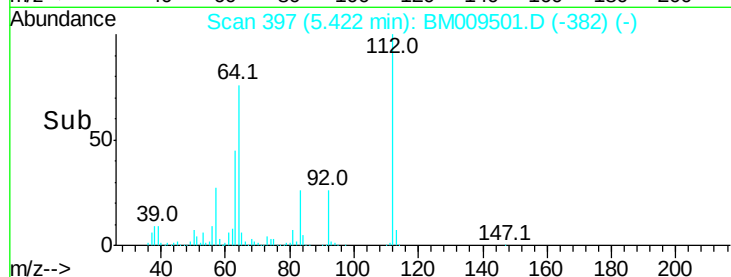
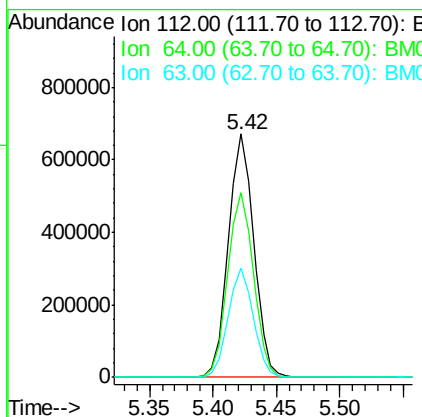
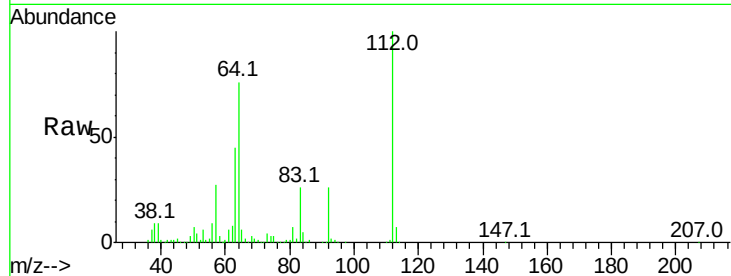
ClientSampleId :

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Tot Ion:	112	Resp:	930835
Ion Ratio	Lower	Upper	
112	100		
64	75.8	38.6	57.8#
63	44.7	19.3	28.9#

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#6

Aniline

Concen: 24.46 ng

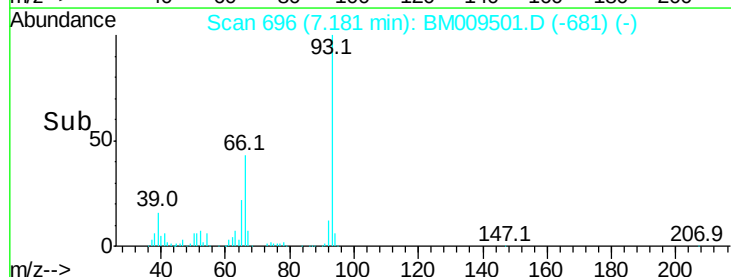
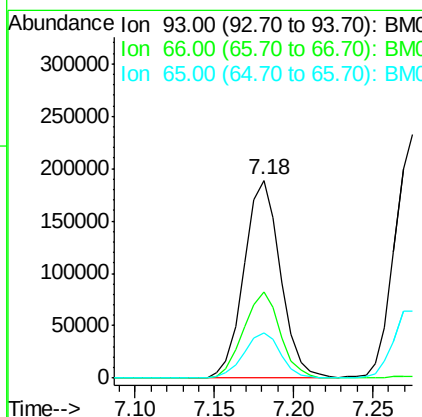
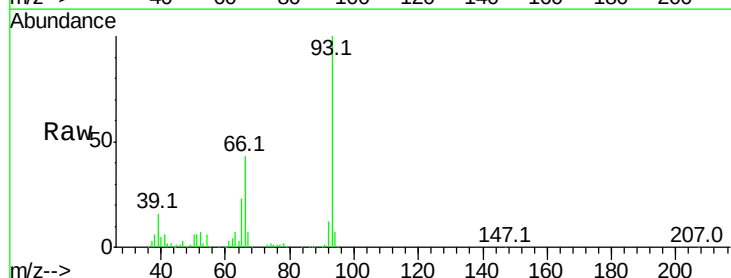
RT: 7.18 min Scan# 696

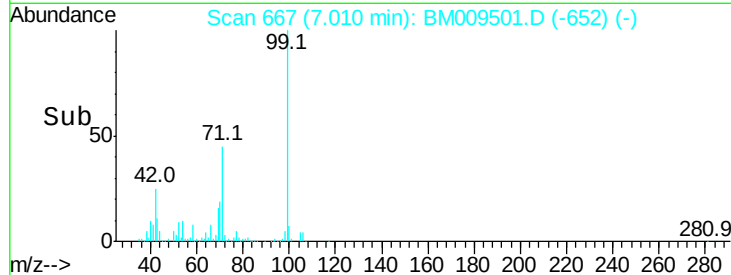
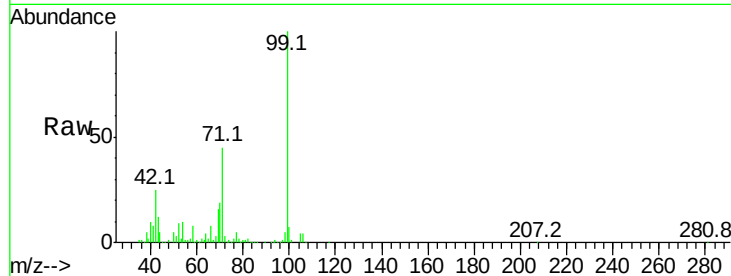
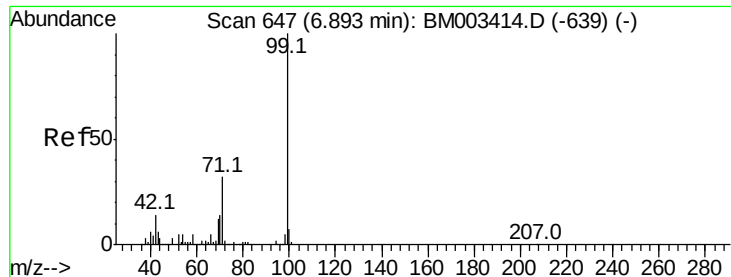
Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Tgt Ion:	93	Resp:	301780
Ion Ratio	Lower	Upper	
93	100		
66	43.4	30.8	46.2
65	22.8	16.0	24.0





#7

Phenol-d6

Concen: 142.92 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Tot Ion: 99 Resp: 1297240

Ion Ratio Lower Upper

99 100

42 25.5 11.0 16.4#

71 44.6 23.4 35.2#

Instrument :

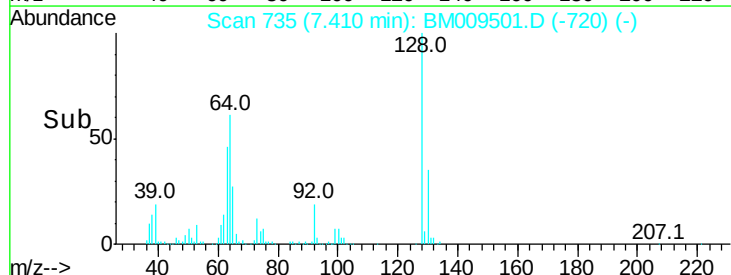
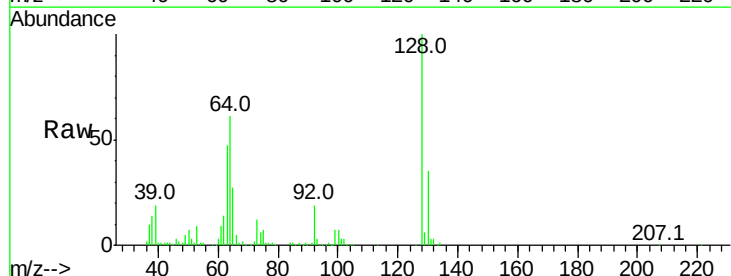
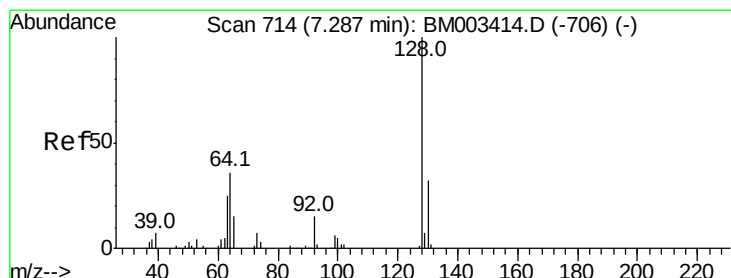
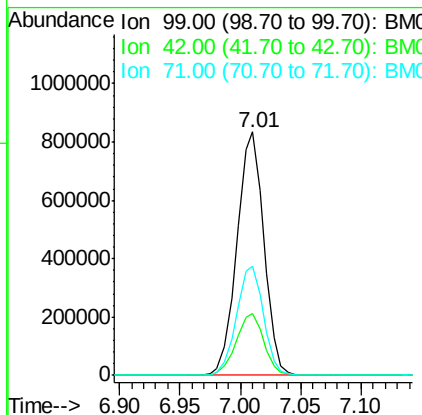
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#8

2-Chlorophenol

Concen: 45.56 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

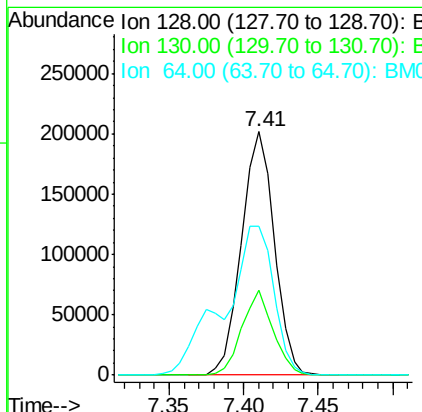
Tgt Ion: 128 Resp: 307483

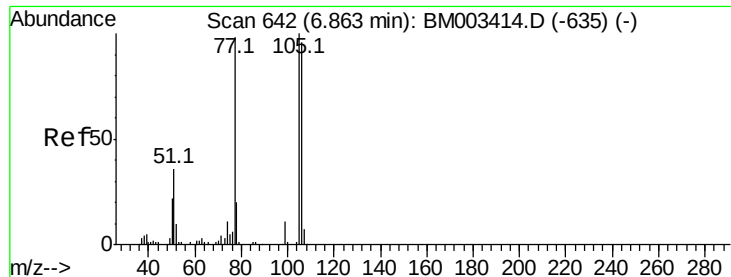
Ion Ratio Lower Upper

128 100

130 34.9 12.0 52.0

64 61.4 24.9 64.9





#9

Benzaldehyde

Concen: 31.93 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

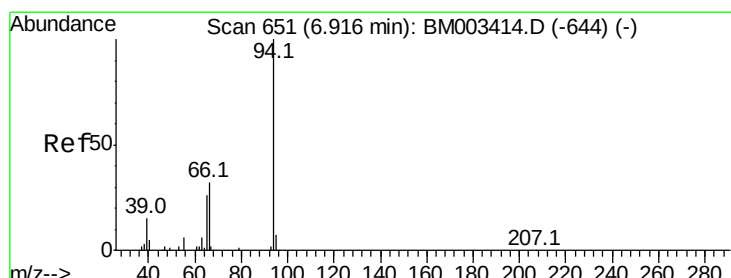
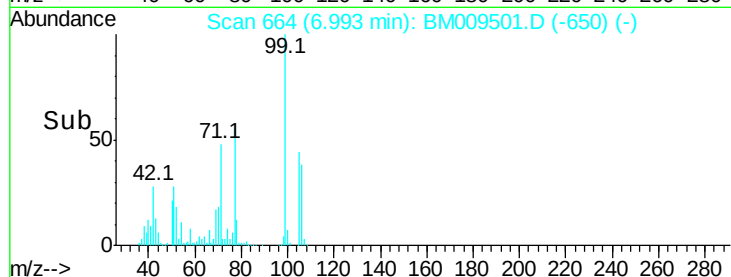
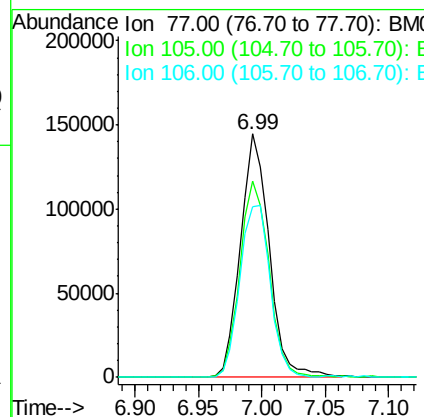
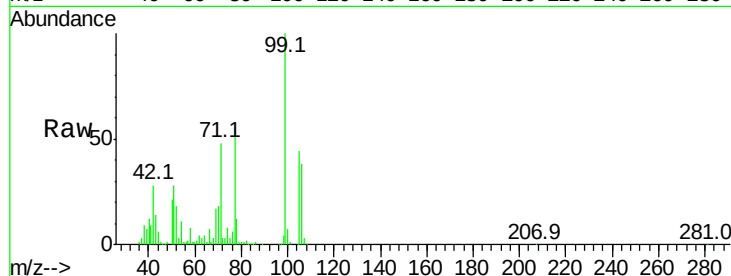
ClientSampleId :

PB97981BS

Tot Ion:	77	Resp:	228130
Ion Ratio	Lower	Upper	
77	100		
105	80.7	78.8	118.8
106	70.2	73.7	113.7#

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#10

Phenol

Concen: 45.69 ng

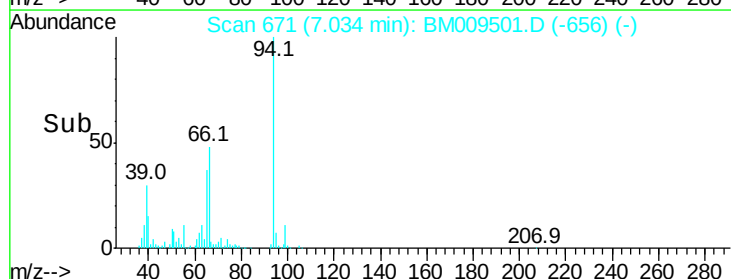
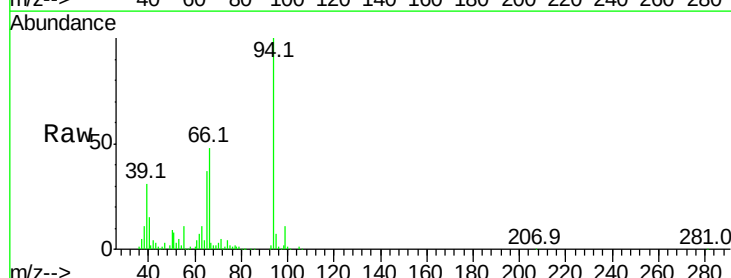
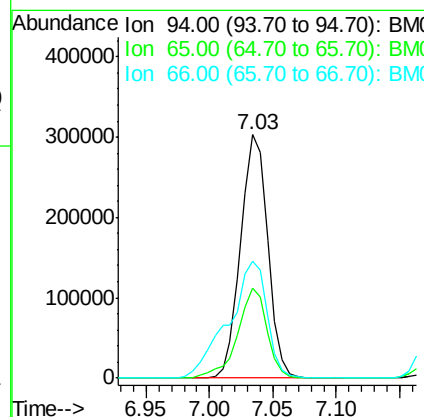
RT: 7.03 min Scan# 671

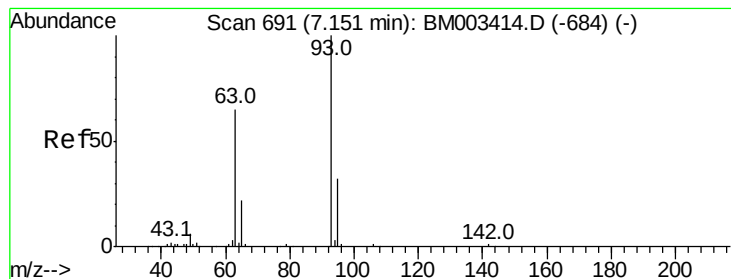
Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Tgt Ion:	94	Resp:	449380
Ion Ratio	Lower	Upper	
94	100		
65	36.8	18.8	58.8
66	47.8	39.9	79.9





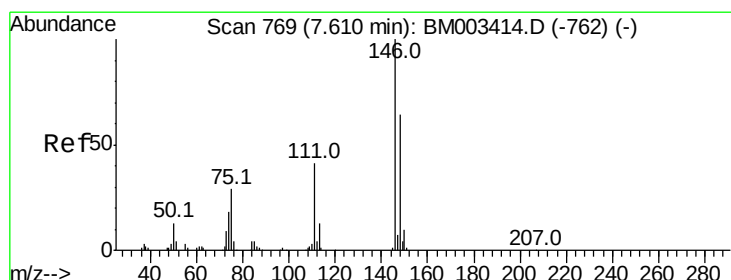
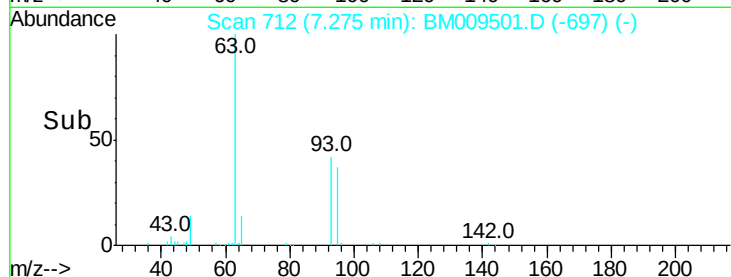
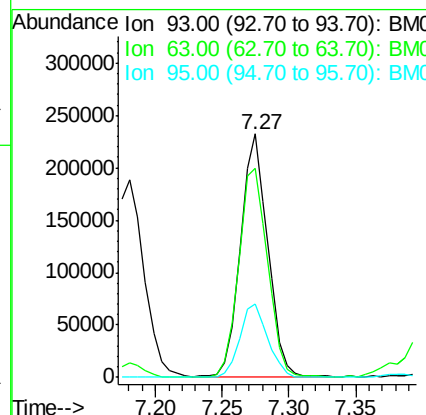
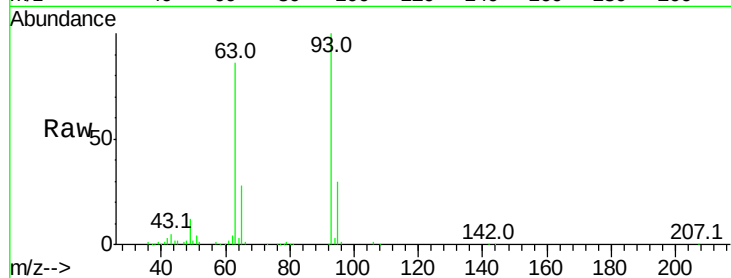
#11
bis(2-Chloroethyl)ether
Concen: 40.33 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Instrument :
BNA_M
ClientSampleId :
PB97981BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	85.7	49.5	89.5	
95	30.3	13.5	53.5	

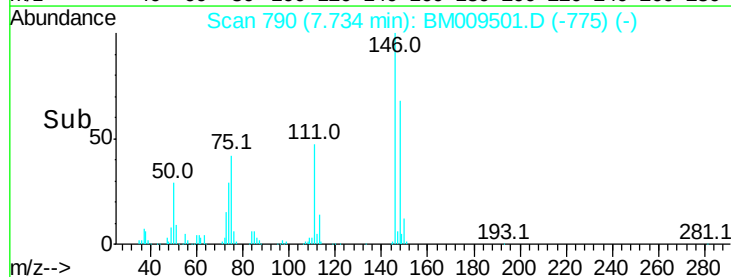
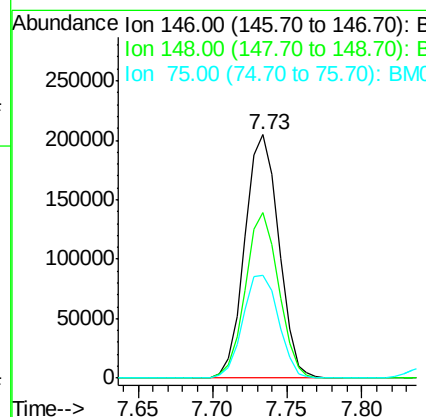
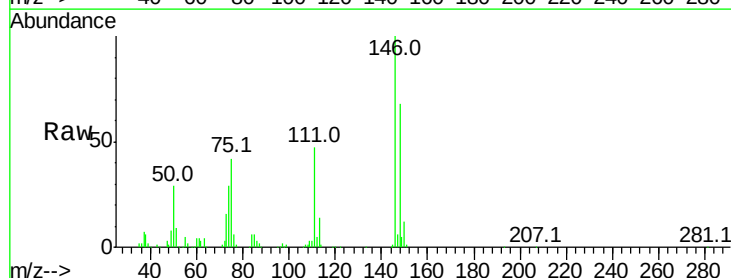
Manual Integrations
APPROVED

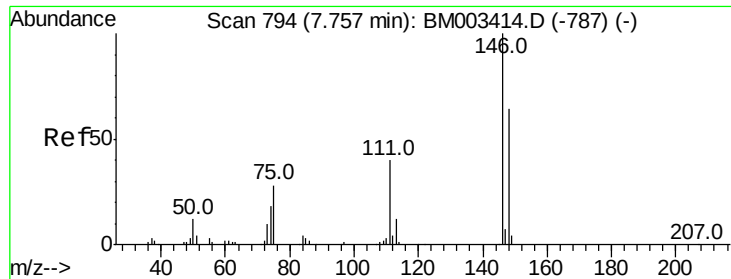
mohammad
4/4/2017 5:33:15 PM



#12
1,3-Dichlorobenzene
Concen: 39.87 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	67.8	50.9	76.3	
75	42.4	21.4	32.2	





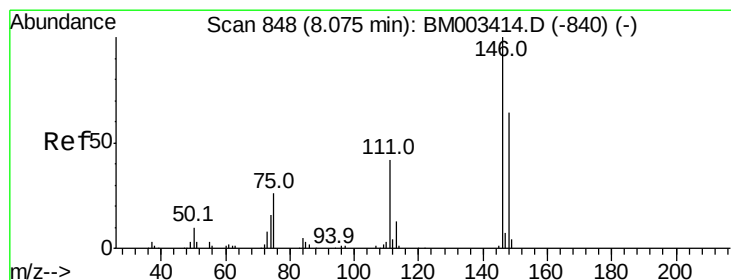
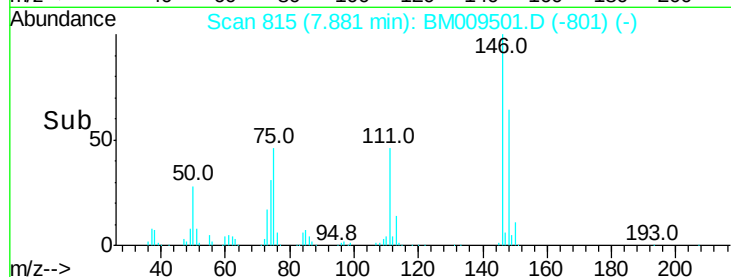
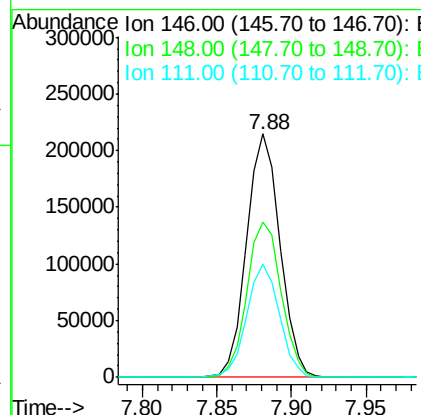
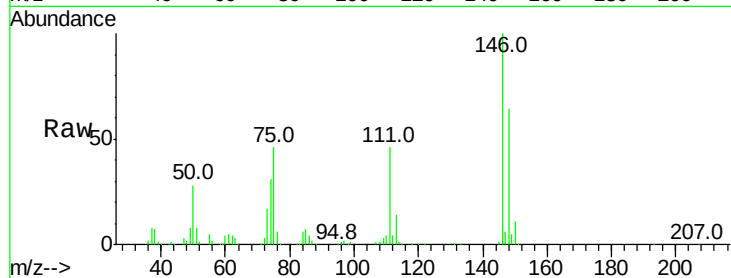
#13
1,4-Dichlorobenzene
Concen: 39.75 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Instrument :
BNA_M
ClientSampleId :
PB97981BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.7	51.9	77.9	
111	46.3	29.2	43.8	

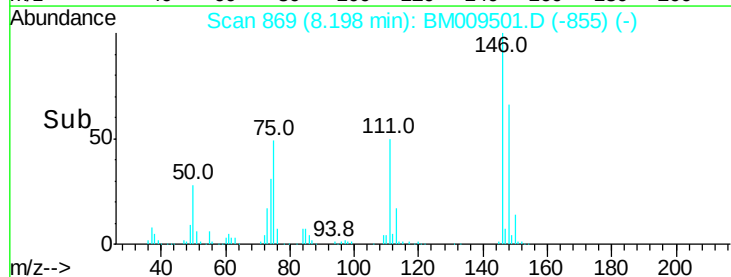
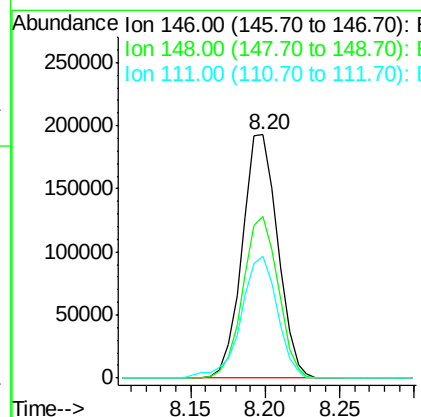
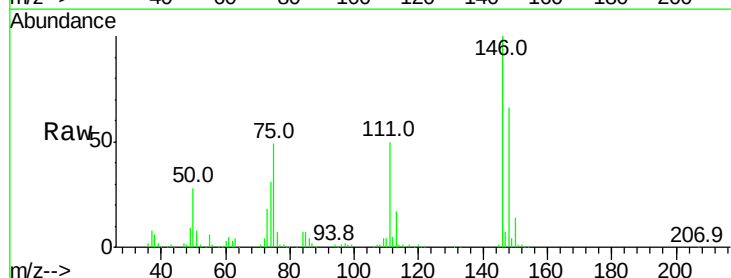
Manual Integrations
APPROVED

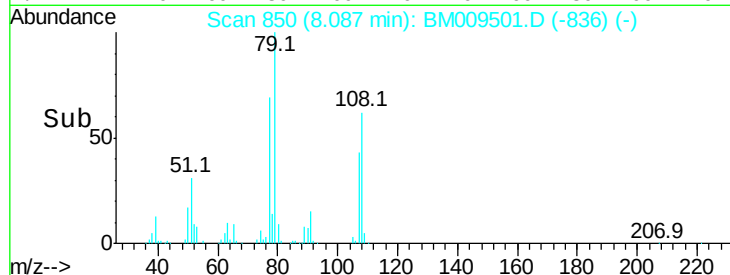
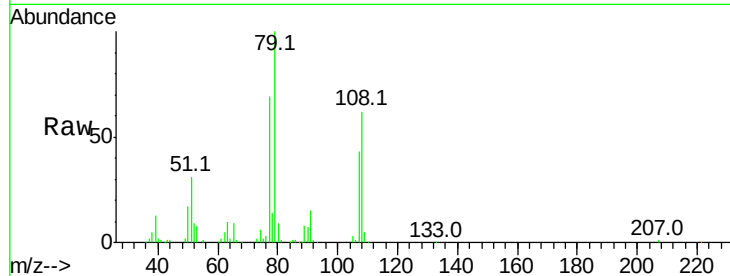
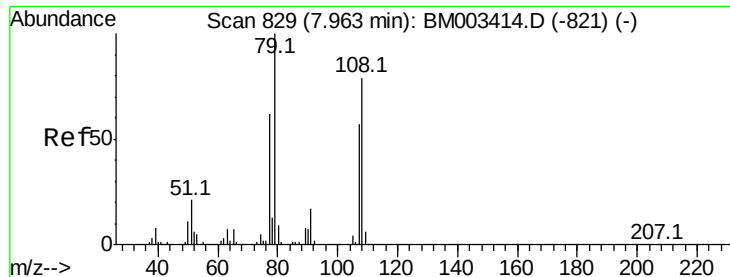
mohammad
4/4/2017 5:33:15 PM



#14
1,2-Dichlorobenzene
Concen: 39.11 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	66.2	52.3	78.5	
111	50.2	30.6	45.8	





#15

Benzyl Alcohol

Concen: 45.93 ng

RT: 8.09 min Scan# 850

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Tot Ion:	79	Resp:	364468
Ion Ratio	Lower	Upper	
79	100		
108	62.4	65.0	97.4#
77	68.6	53.0	79.6

Instrument :

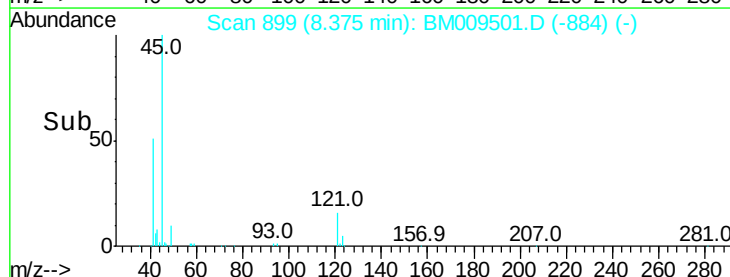
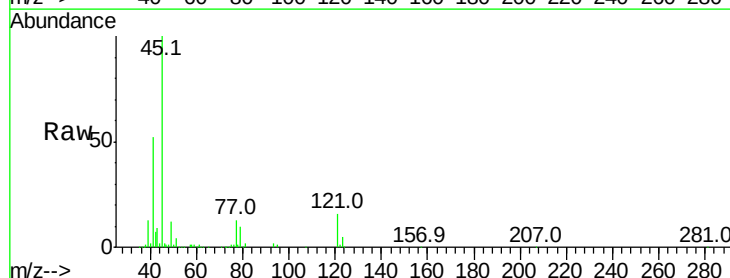
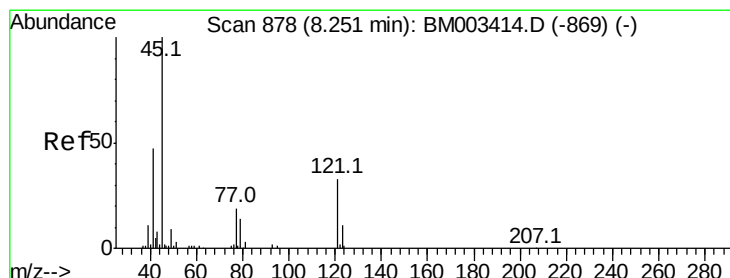
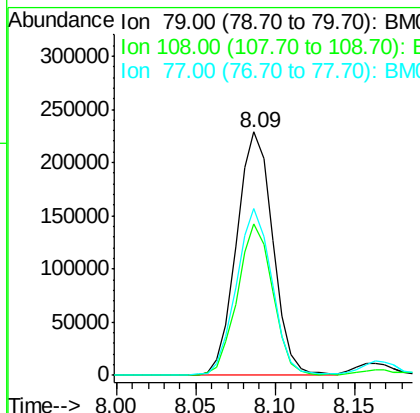
BNA_M

ClientSampleId :

PB97981BS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.63 ng

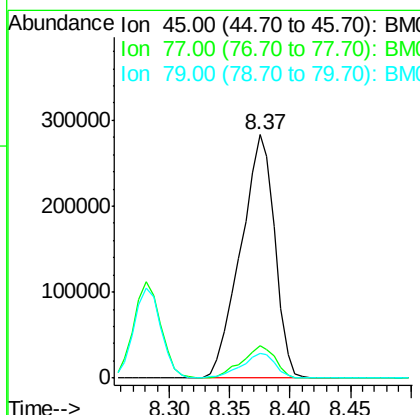
RT: 8.37 min Scan# 899

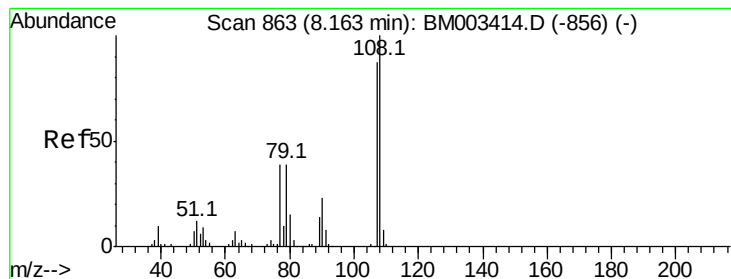
Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Tgt Ion:	45	Resp:	555277
Ion Ratio	Lower	Upper	
45	100		
77	13.4	0.0	35.2
79	10.2	0.0	32.0





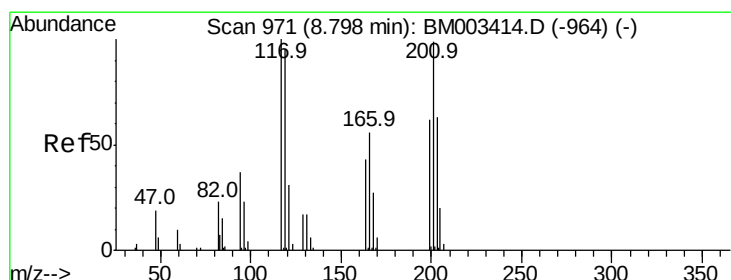
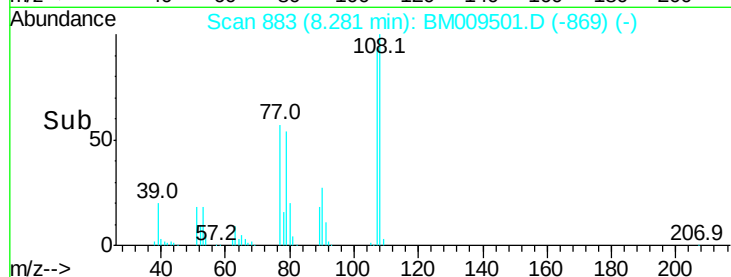
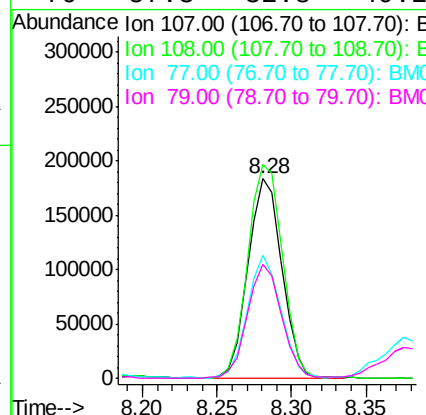
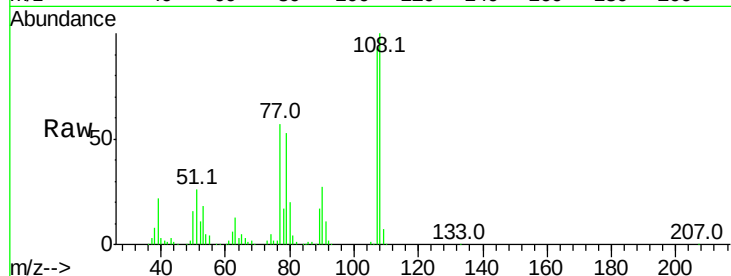
#17
2-Methylphenol
Concen: 44.82 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Instrument :
BNA_M
ClientSampleId :
PB97981BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	288427		
108	107.2	89.8	134.8	
77	61.6	32.6	48.8#	
79	57.3	32.8	49.2#	

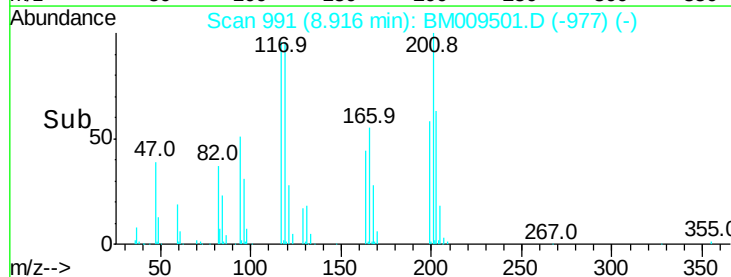
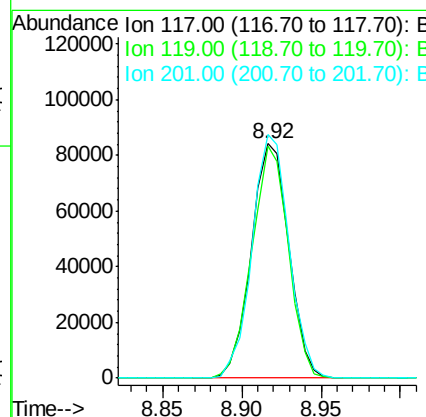
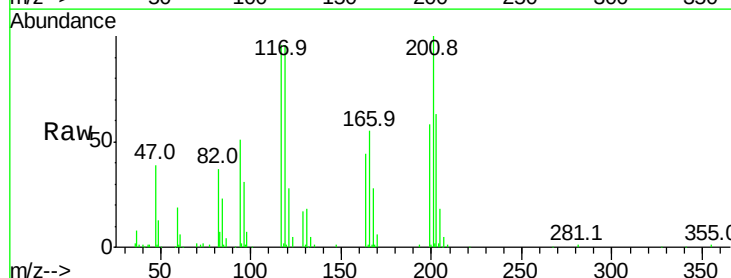
Manual Integrations
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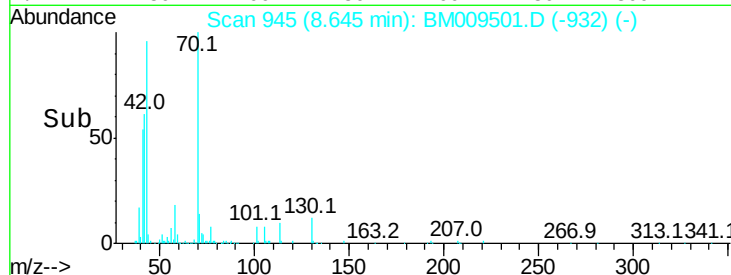
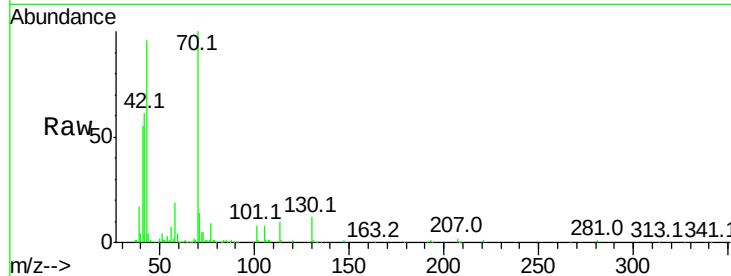
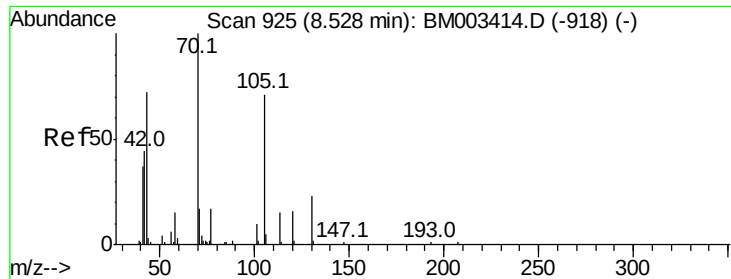
mohammad
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#18
Hexachloroethane
Concen: 40.70 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	139016		
119	99.3	79.2	118.8	
201	103.9	69.8	104.6	





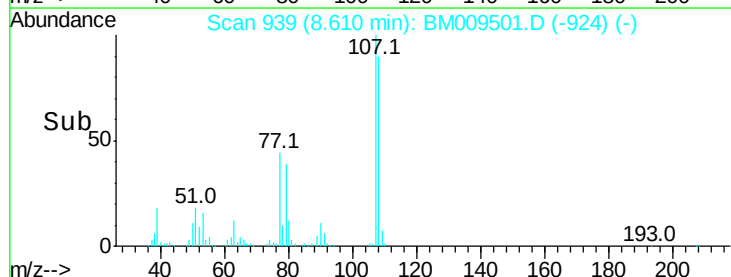
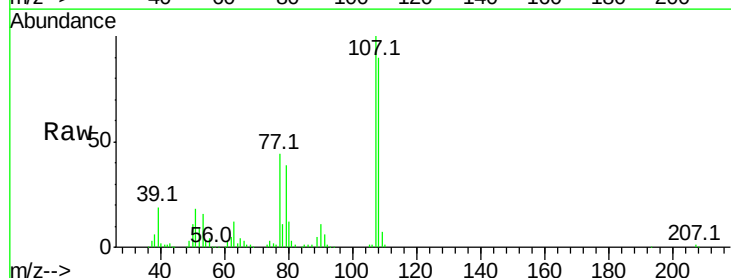
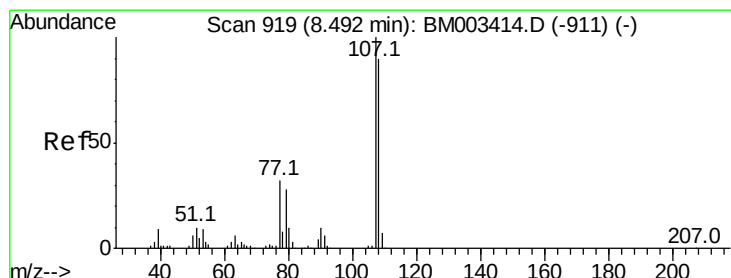
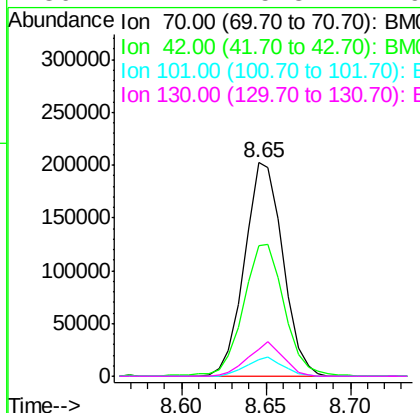
#19
n-Nitroso-di-n-propylamine
Concen: 43.44 ng
RT: 8.65 min Scan# 945
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Instrument :
BNA_M
ClientSampleId :
PB97981BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.4	44.5	66.7	
101	8.0	7.4	11.2	
130	12.4	15.3	22.9	

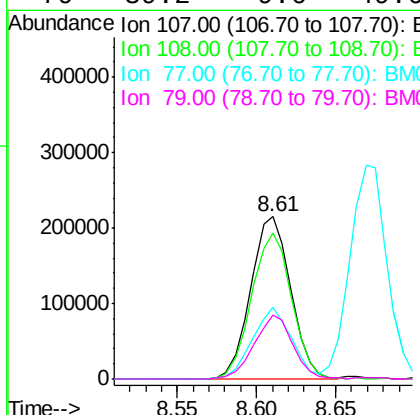
Manual Integrations
APPROVED

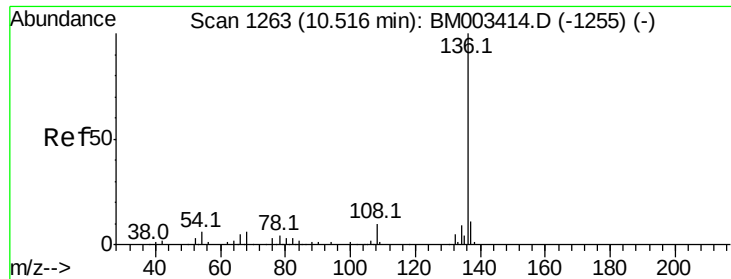
mohammad
4/4/2017 5:33:15 PM



#20
3+4-Methylphenols
Concen: 43.18 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	73.2	113.2	
77	44.3	10.7	50.7	
79	39.2	9.6	49.6	





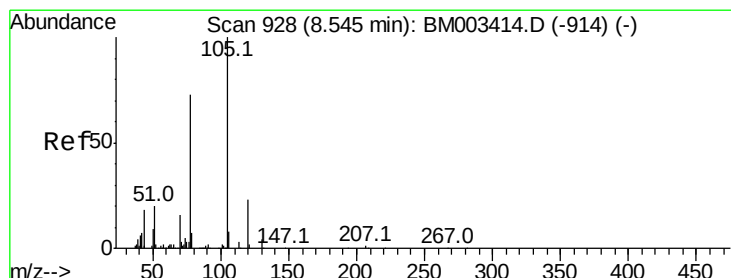
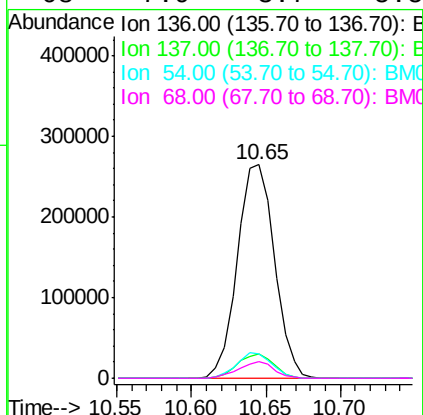
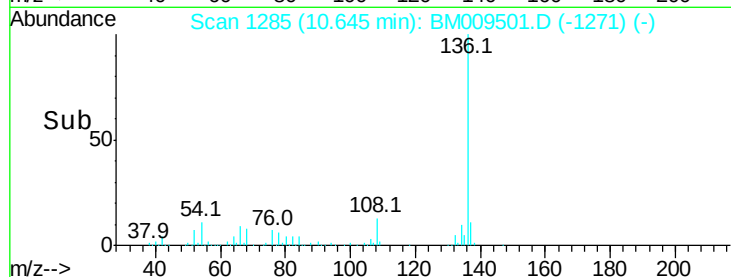
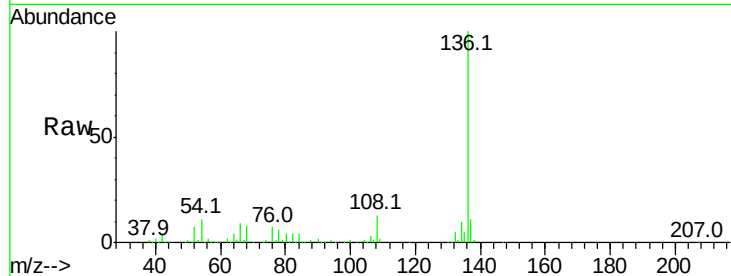
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Instrument :
BNA_M
ClientSampleId :
PB97981BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.7	13.1	
54	11.2	4.6	6.8#	
68	7.9	3.7	5.5#	

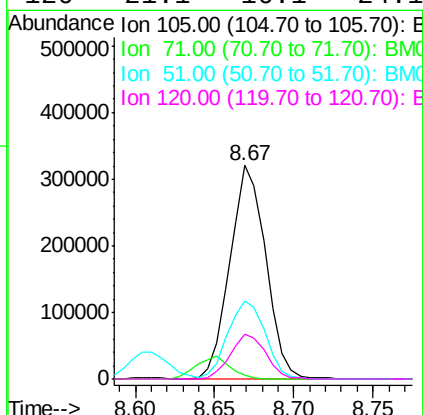
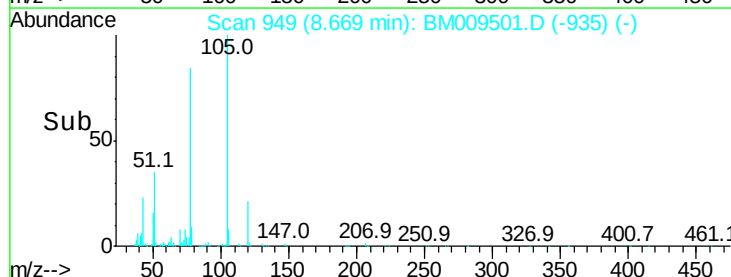
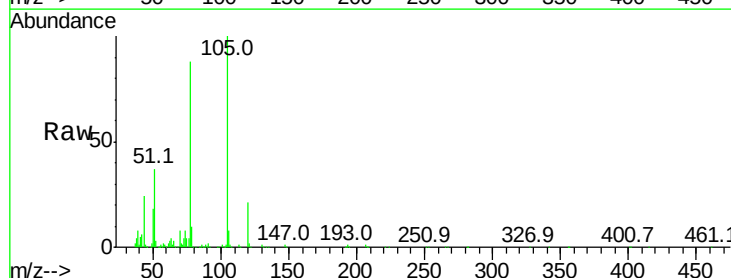
Manual Integrations
APPROVED

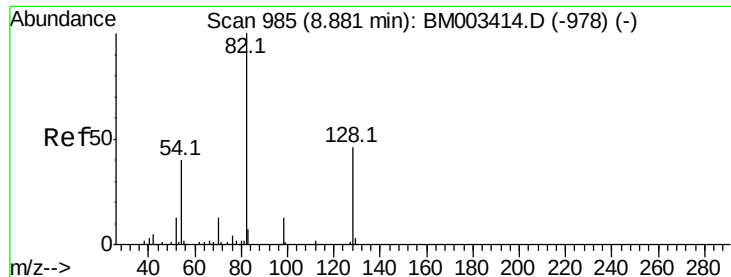
mohammad
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#22
Acetophenone
Concen: 38.71 ng
RT: 8.67 min Scan# 949
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.6	0.6	1.0#	
51	36.7	21.6	32.4#	
120	21.1	16.1	24.1	





#23

Nitrobenzene-d5

Concen: 77.63 ng

RT: 9.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

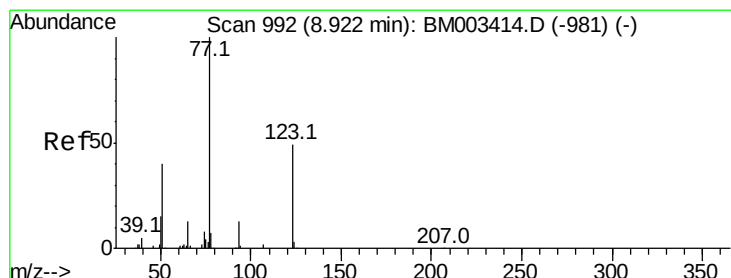
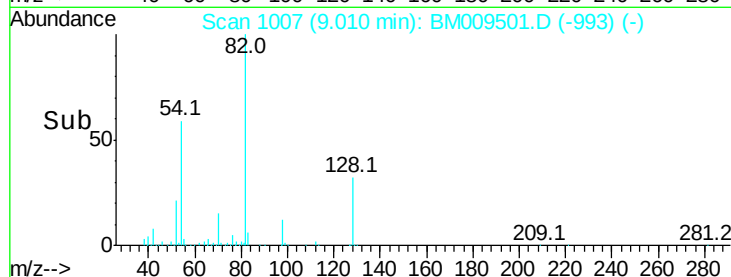
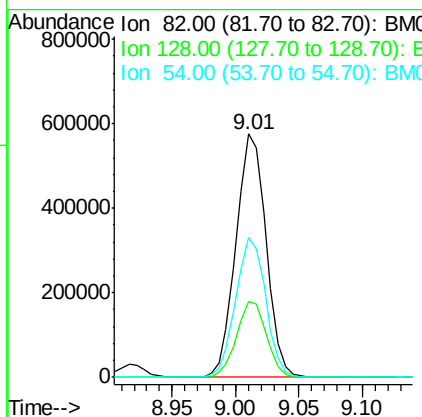
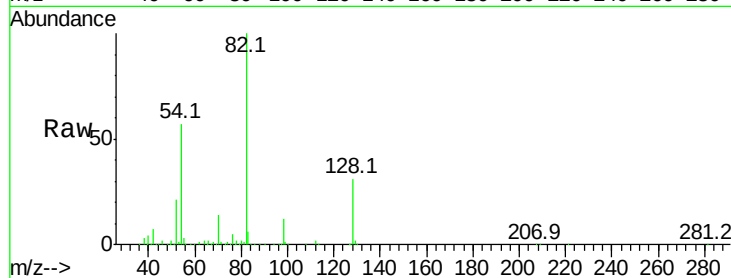
ClientSampleId :

PB97981BS

Tot Ion:	82	Resp:	950145
Ion Ratio	Lower	Upper	
82	100		
128	31.0	32.8	49.2#
54	57.4	40.6	60.8

Manual Integrations
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mohammad
4/4/2017 5:33:15 PM



#24

Nitrobenzene

Concen: 39.06 ng

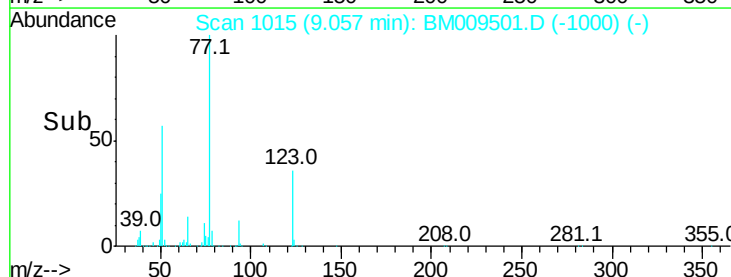
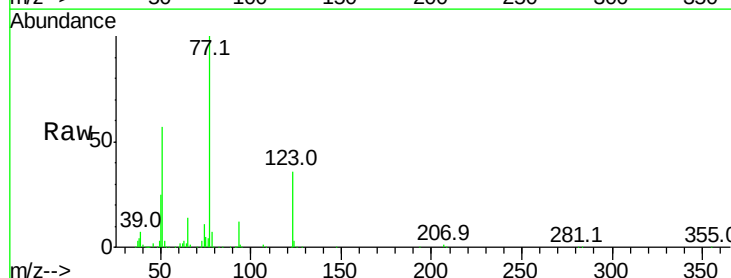
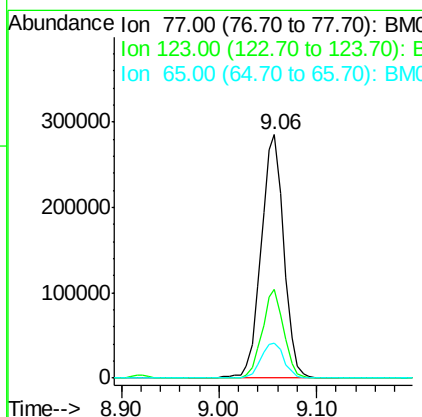
RT: 9.06 min Scan# 1015

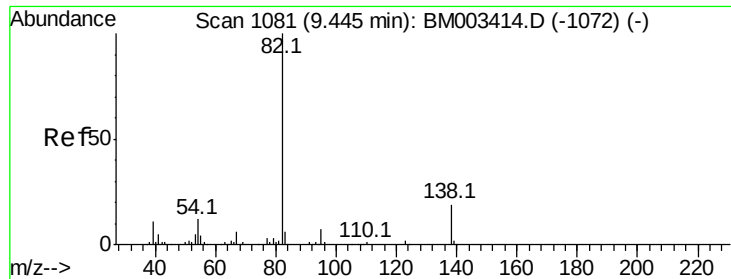
Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Tgt Ion:	77	Resp:	468358
Ion Ratio	Lower	Upper	
77	100		
123	36.4	32.6	49.0
65	14.5	10.9	16.3





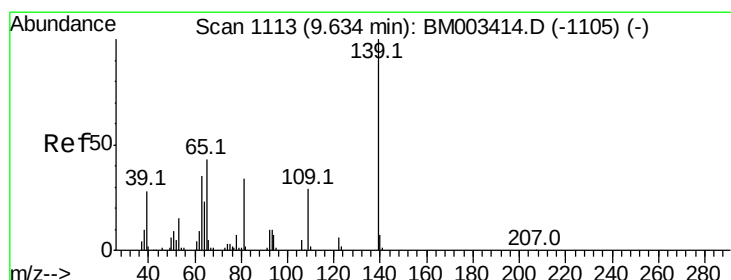
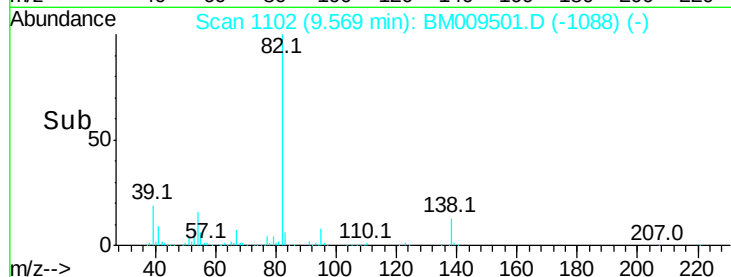
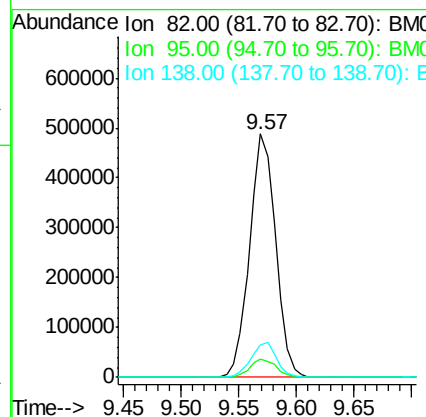
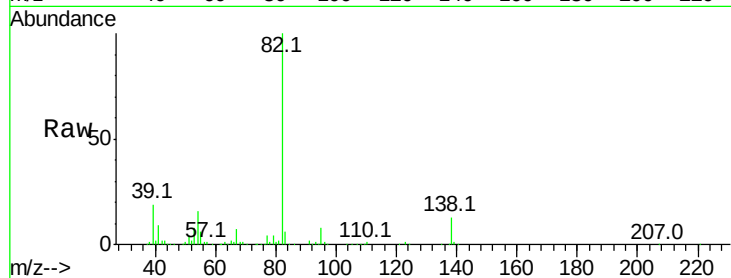
#25
Isophorone
Concen: 41.21 ng
RT: 9.57 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Instrument :
BNA_M
ClientSampleId :
PB97981BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.7	5.8	8.6	
138	13.3	16.3	24.5	

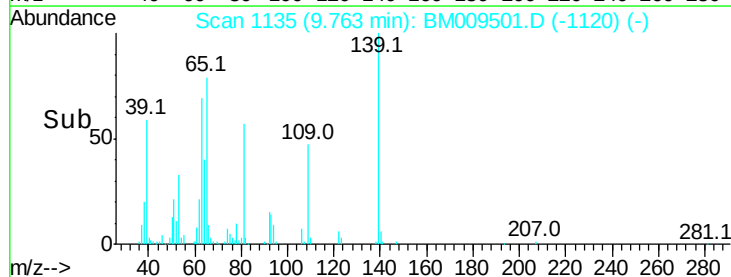
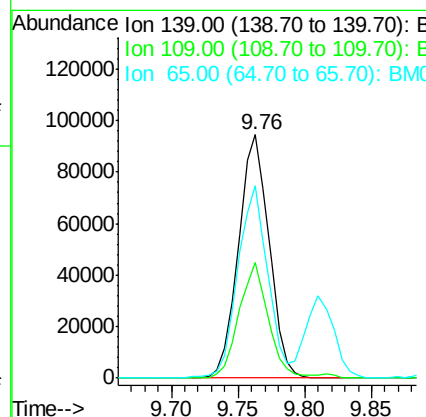
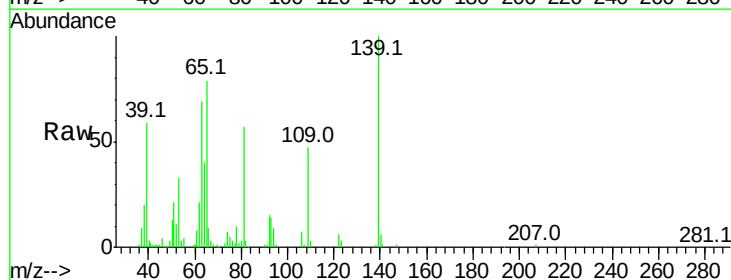
Manual Integrations
APPROVED

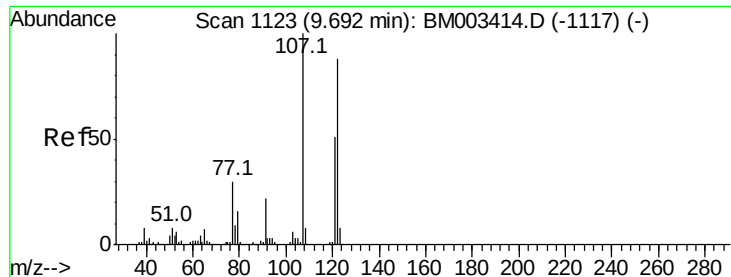
mohammad
4/4/2017 5:33:15 PM



#26
2-Nitrophenol
Concen: 41.70 ng
RT: 9.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	47.4	20.1	30.1	
65	78.9	31.5	47.3	





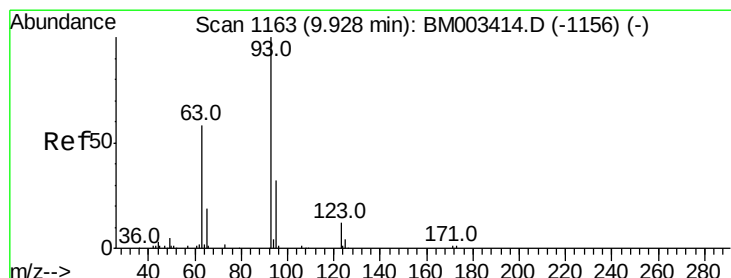
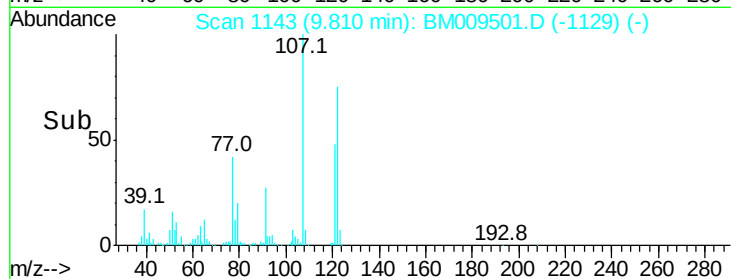
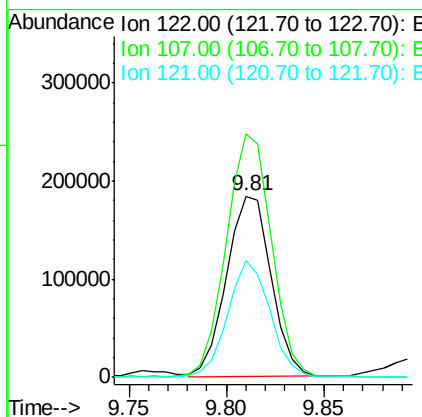
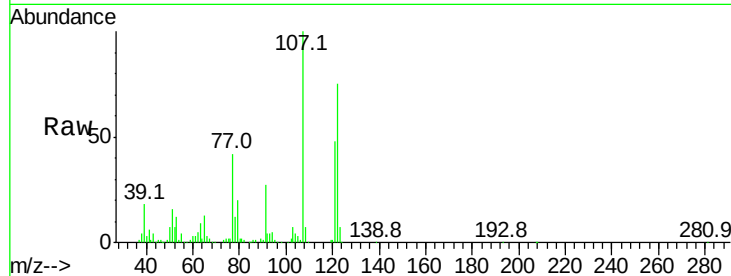
#27
 2,4-Dimethylphenol
 Concen: 43.81 ng
 RT: 9.81 min Scan# 1143
 Delta R.T. -0.02 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	289841		
107	134.2	84.7	127.1#	
121	64.1	46.6	69.8	

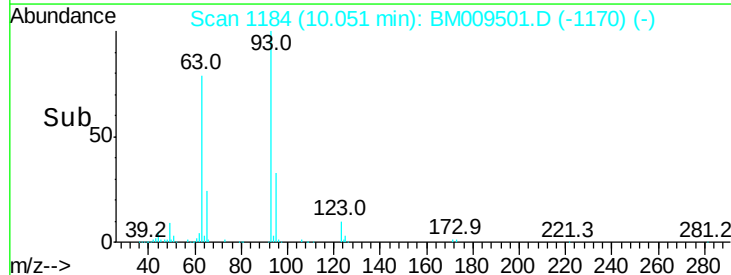
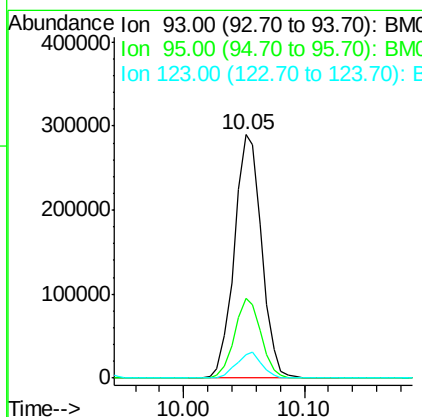
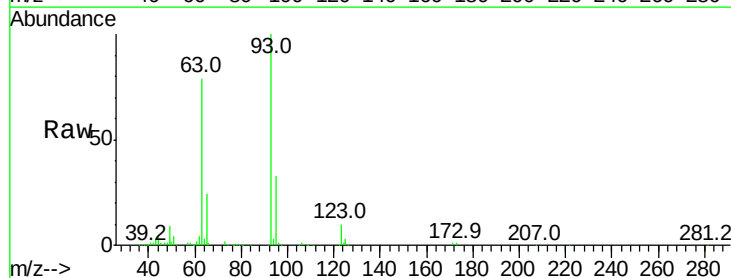
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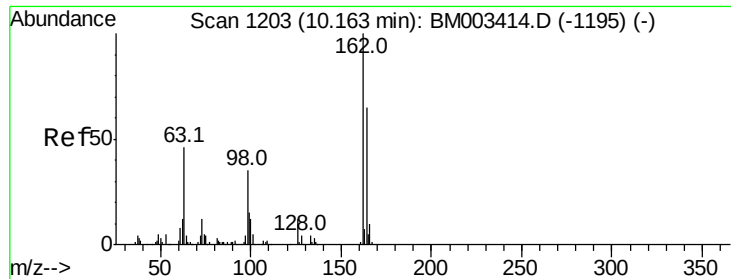
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.39 ng
 RT: 10.05 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	455343		
95	32.9	25.5	38.3	
123	9.8	8.6	13.0	





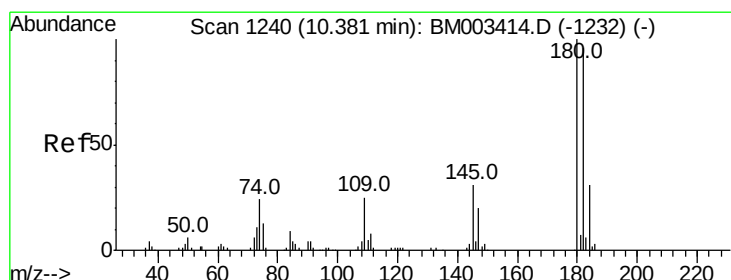
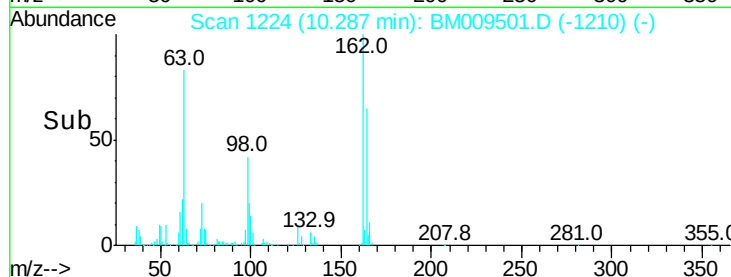
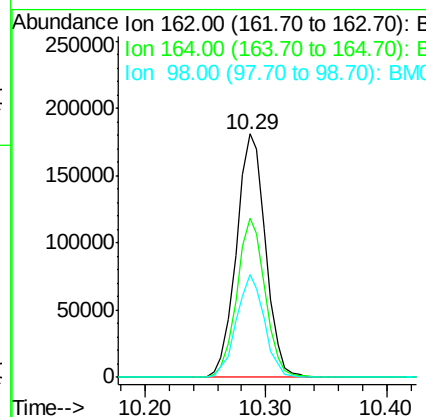
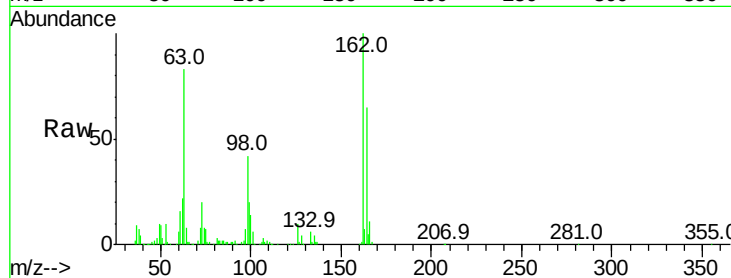
#29
 2,4-Dichlorophenol
 Concen: 43.98 ng
 RT: 10.29 min Scan# 1224
 Delta R.T. -0.02 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

Tot Ion:	162	Resp:	304210
Ion Ratio	Lower	Upper	
162	100		
164	65.4	42.8	82.8
98	42.5	14.5	54.5

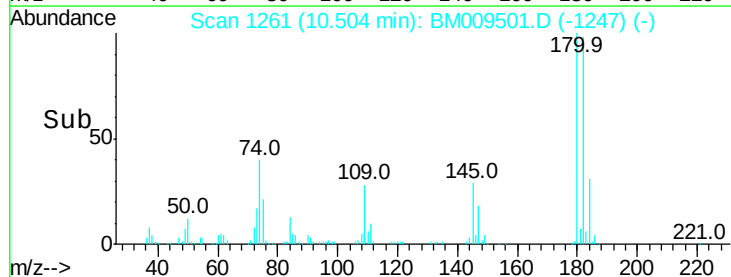
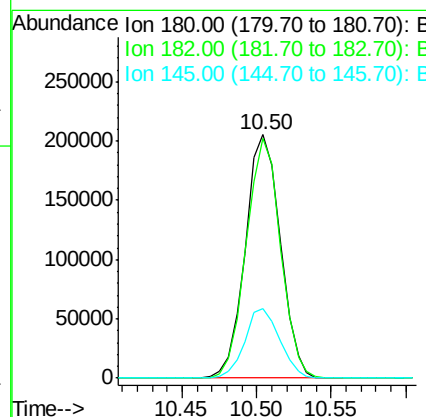
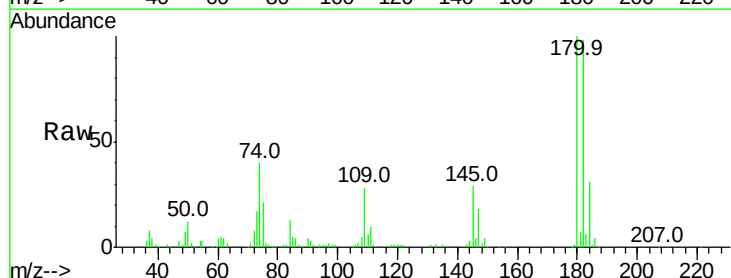
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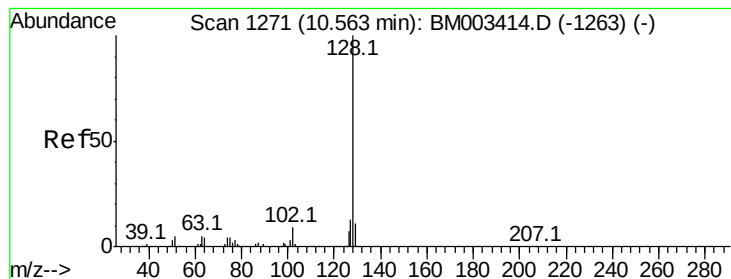
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.83 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.02 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion:	180	Resp:	333252
Ion Ratio	Lower	Upper	
180	100		
182	98.3	77.6	116.4
145	28.8	23.4	35.2





#31

Naphthalene

Concen: 38.19 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

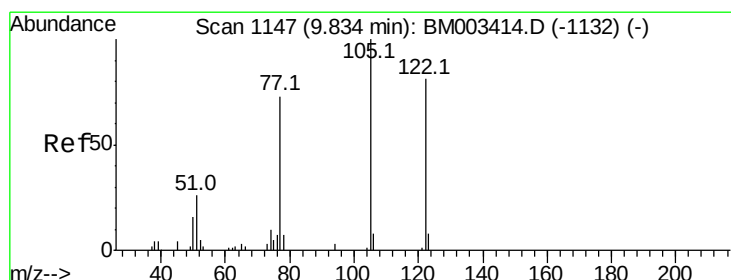
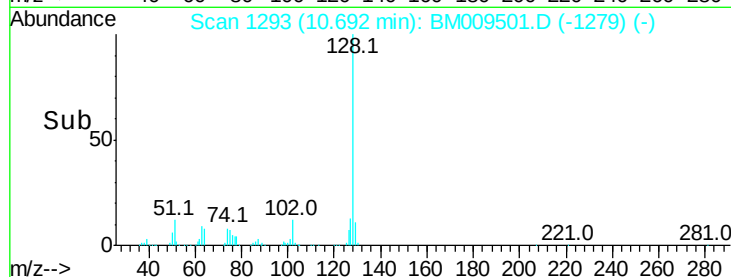
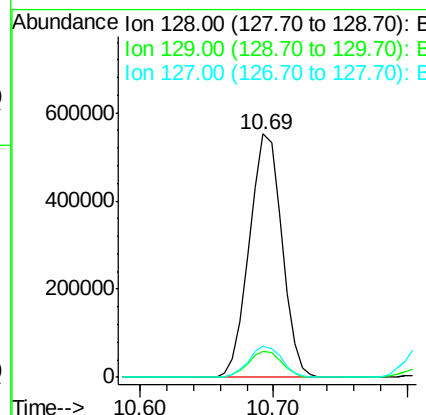
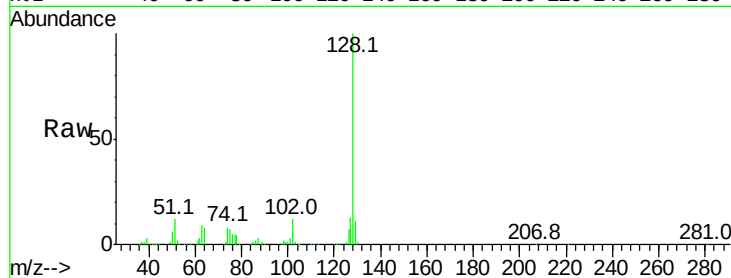
ClientSampleId :

PB97981BS

Tot Ion:	128	Resp:	930149
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.9	13.3
127	12.7	10.4	15.6

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#32

Benzoic acid

Concen: 29.86 ng

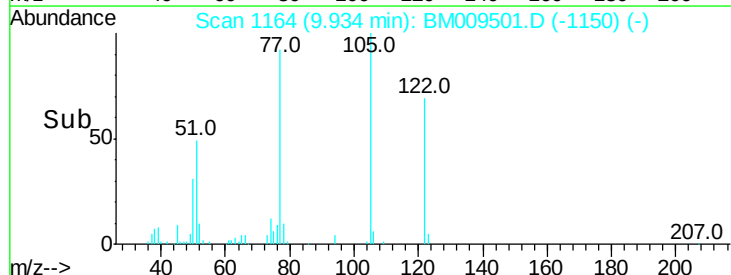
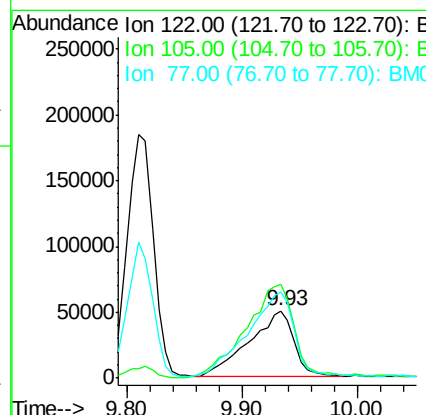
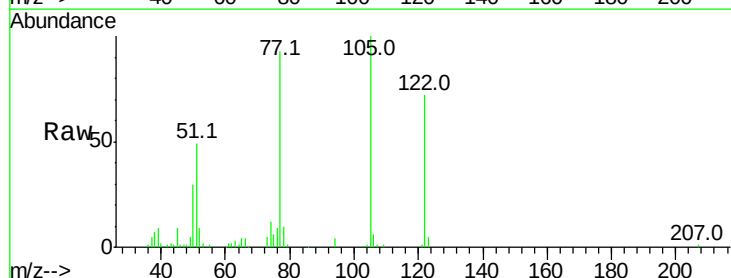
RT: 9.93 min Scan# 1164

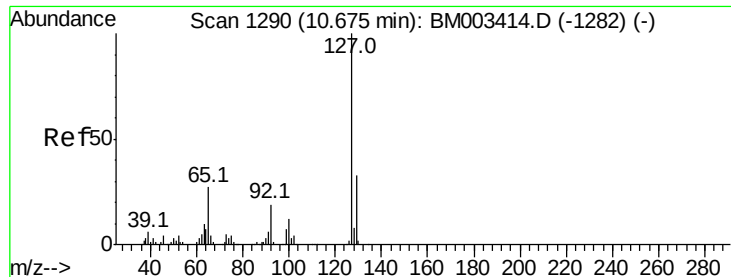
Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Tgt Ion:	122	Resp:	133562
Ion Ratio	Lower	Upper	
122	100		
105	139.2	99.9	139.9
77	128.9	73.7	113.7#





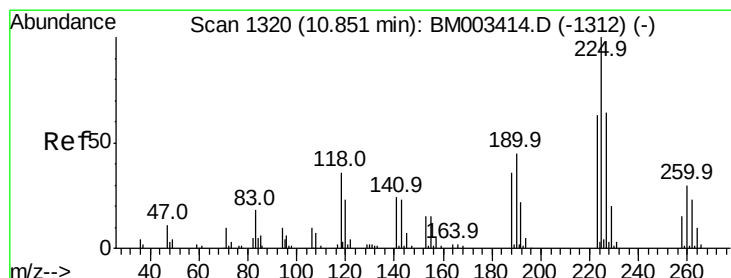
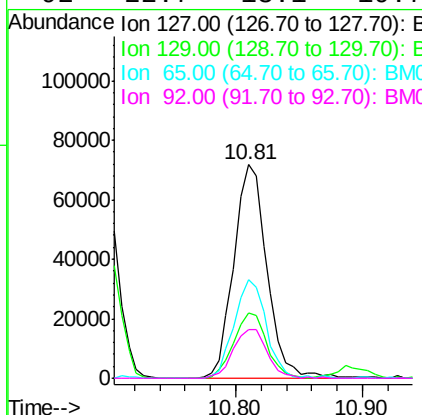
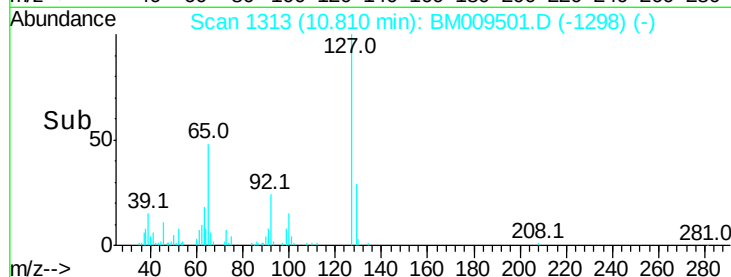
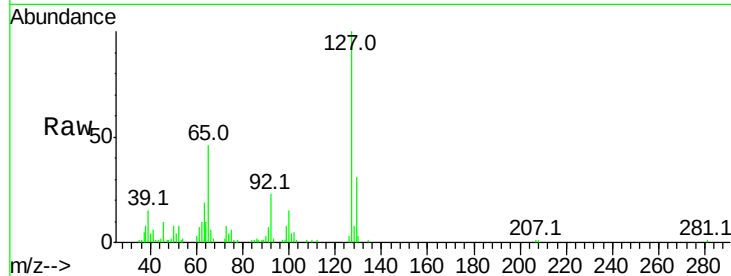
#33
4-Chloroaniline
Concen: 13.80 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Instrument :
BNA_M
ClientSampleId :
PB97981BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.6	25.3	37.9		
65	46.1	17.6	26.4		
92	22.7	13.1	19.7		

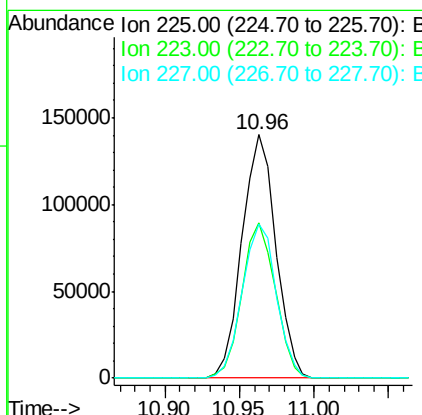
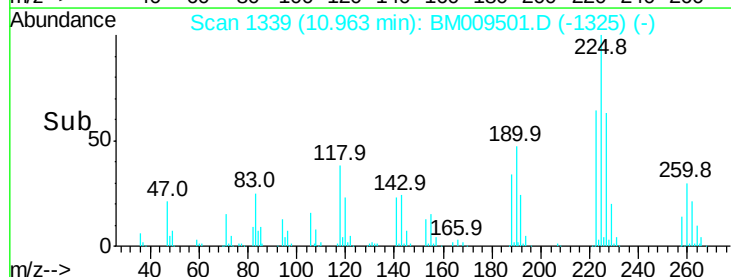
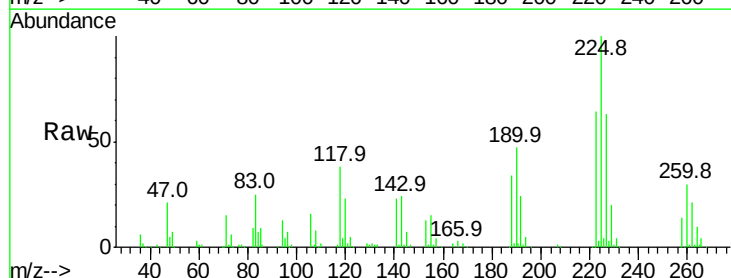
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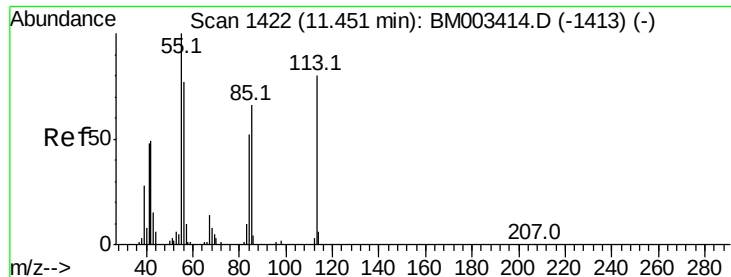
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#34
Hexachlorobutadiene
Concen: 37.48 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	47.9	71.9		
227	65.7	50.1	75.1		





#35

Caprolactam

Concen: 42.38 ng/ml

RT: 11.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

Tot Ion:113 Resp: 89493

Ion Ratio Lower Upper

113 100

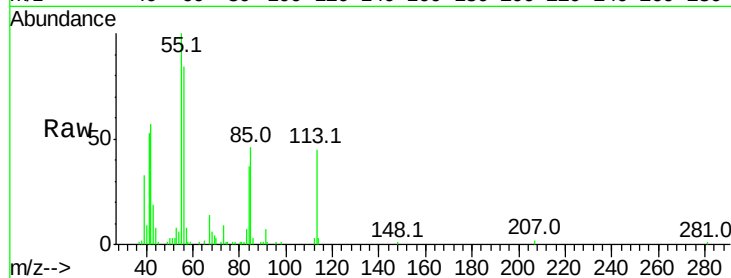
55 224.7 145.9 185.9#

56 189.9 101.0 141.0#

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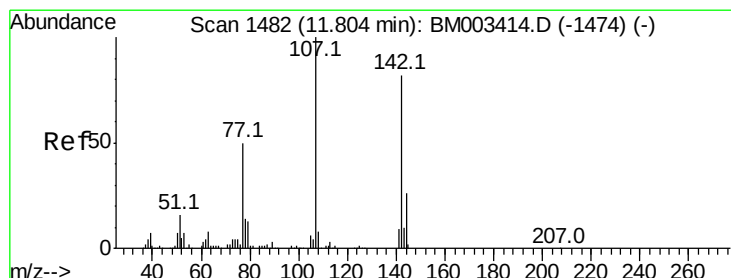
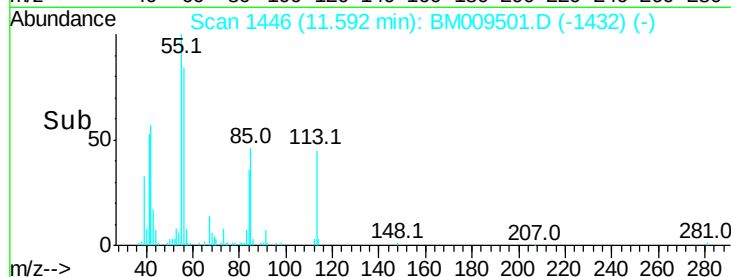
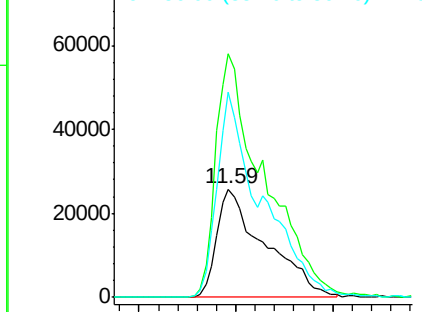
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 43.87 ng/ml

RT: 11.92 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

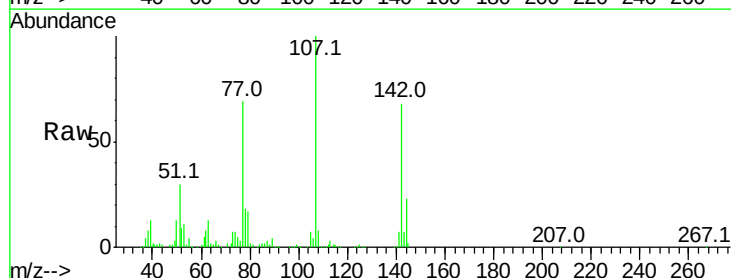
Tgt Ion:107 Resp: 343335

Ion Ratio Lower Upper

107 100

144 23.1 23.3 34.9#

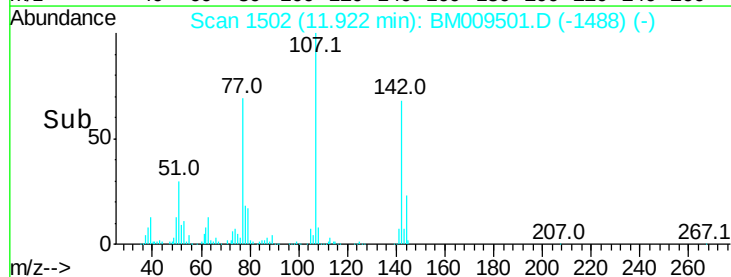
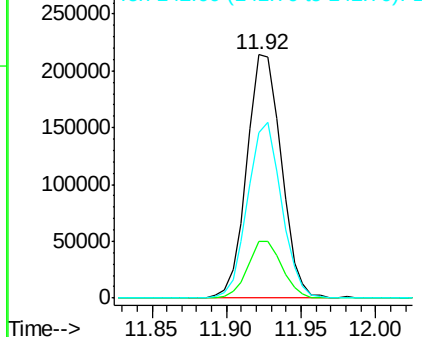
142 68.2 72.6 109.0#

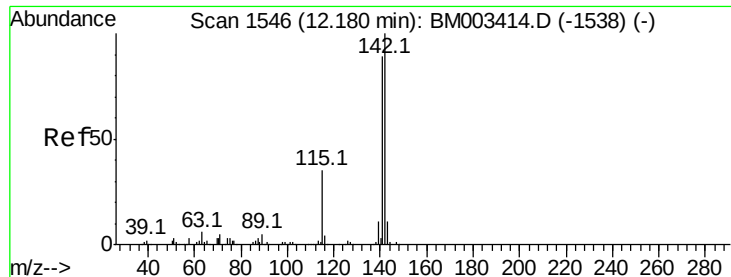


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.29 ng

RT: 12.30 min Scan# 1567

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

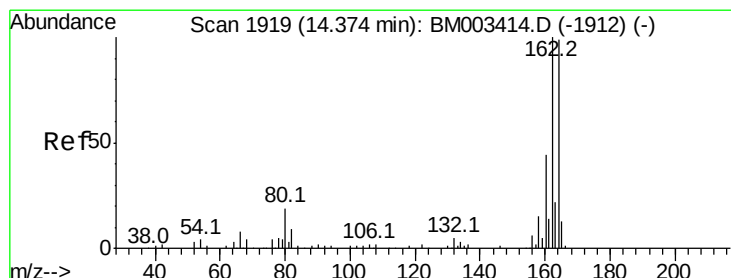
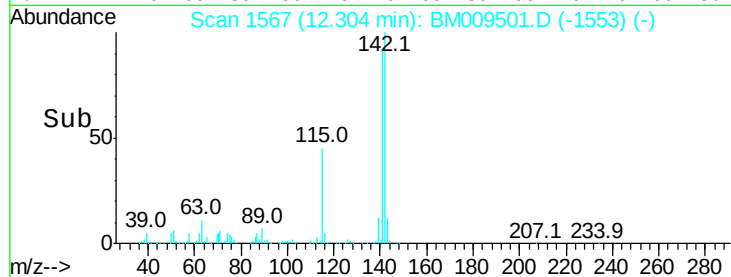
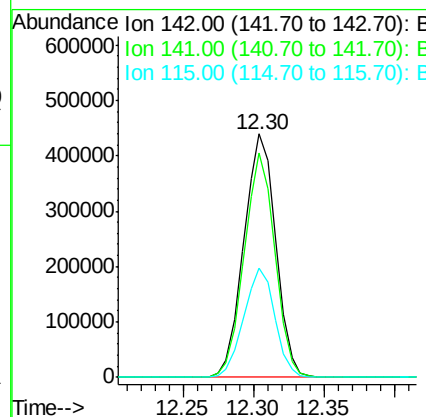
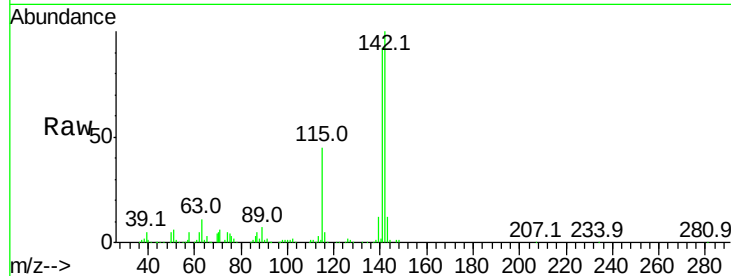
Instrument :
BNA_M

ClientSampleId :
PB97981BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.9	107.9
115	44.7	25.4	38.0

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#38

Acenaphthene-d10

Concen: 20.00 ng

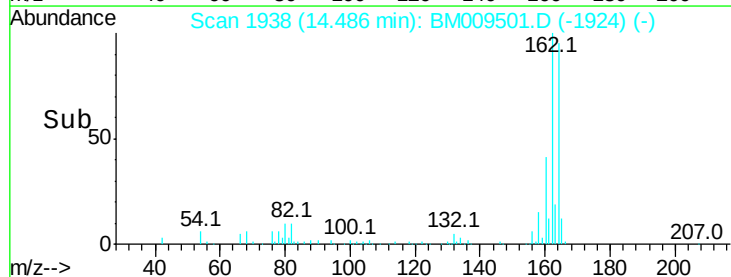
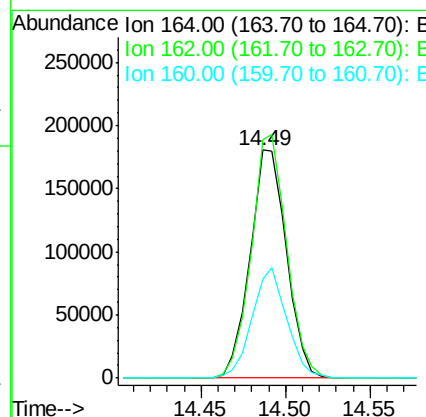
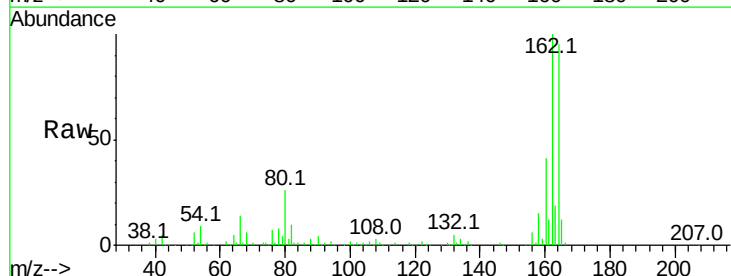
RT: 14.49 min Scan# 1938

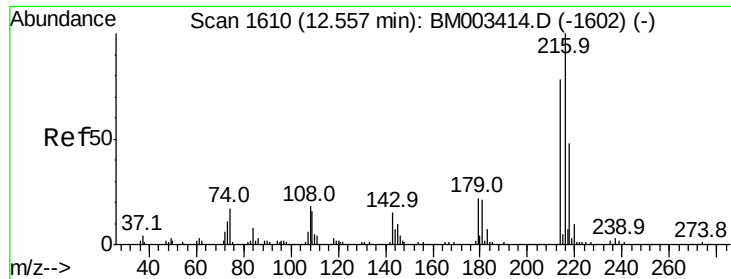
Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.4	123.6
160	43.4	35.8	53.6





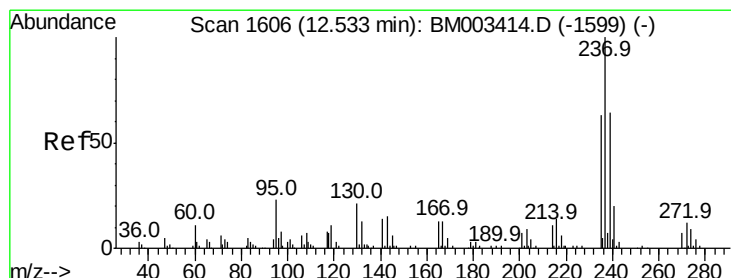
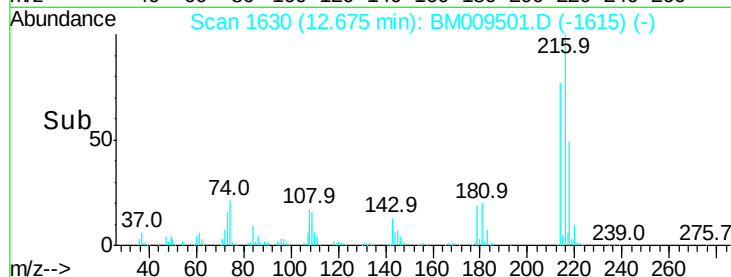
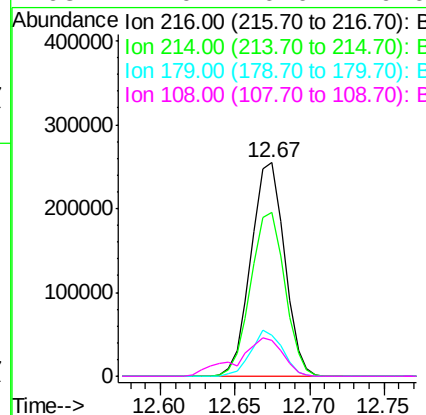
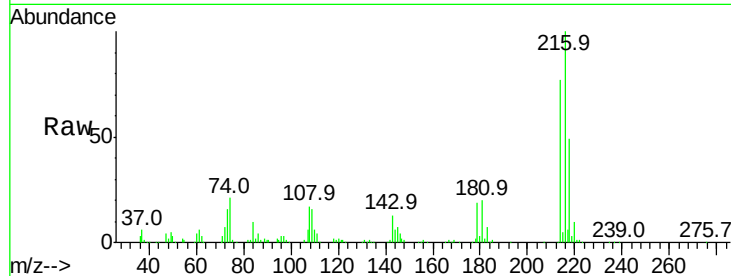
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.63 ng
 RT: 12.67 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.8	0.0	0.0#
179	20.2	0.0	0.0#
108	24.0	0.0	0.0#

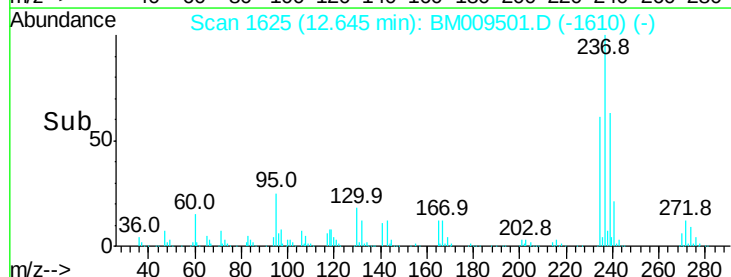
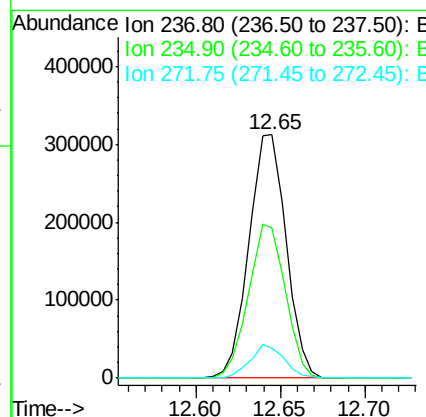
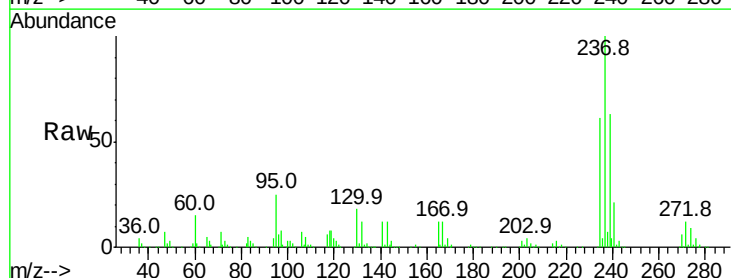
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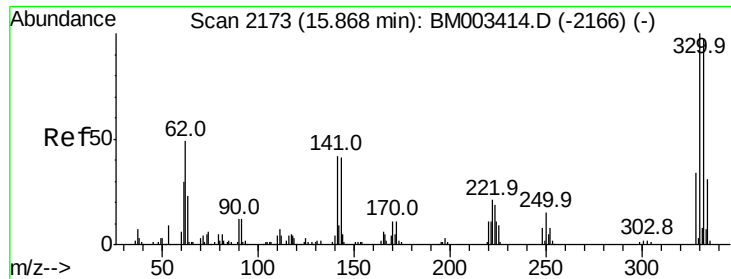
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#40
 Hexachlorocyclopentadiene
 Concen: 81.87 ng
 RT: 12.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.4	42.0	82.0
272	12.2	0.0	33.4





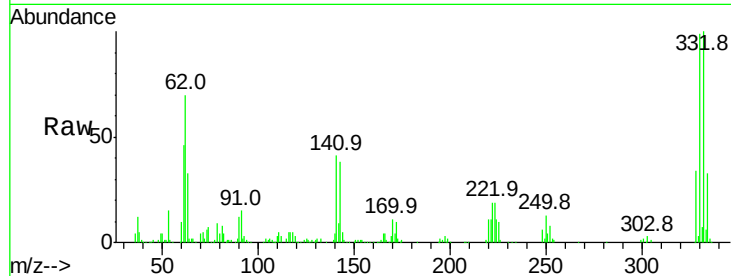
#41
 2,4,6-Tribromophenol
 Concen: 144.07 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Instrument :
 BNA_M
 ClientSampleID :
 PB97981BS

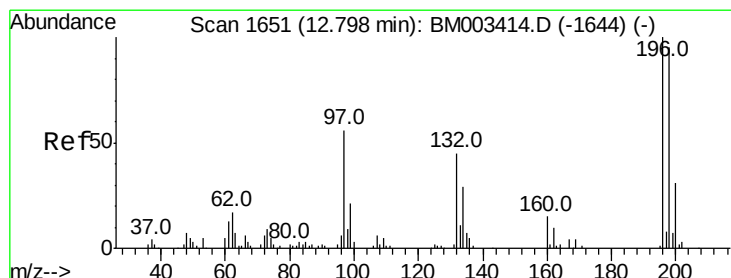
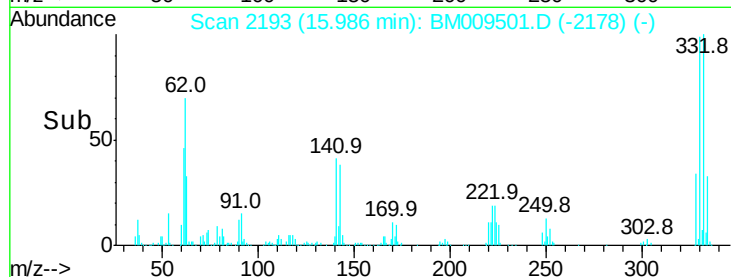
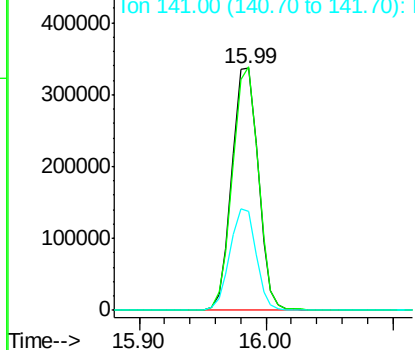
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.2	0.0	0.0	0.0
141	41.7	0.0	0.0	0.0

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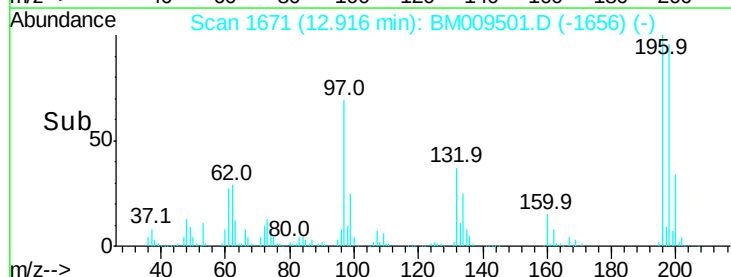
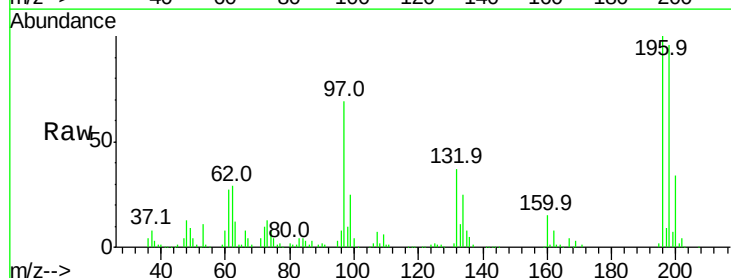
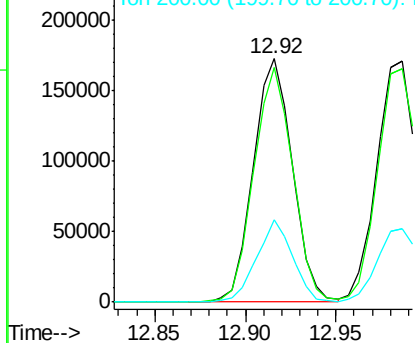
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

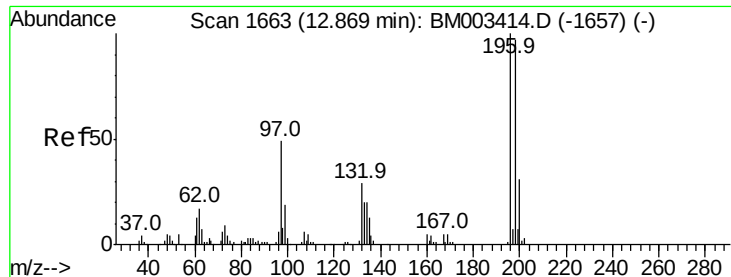


#42
 2,4,6-Trichlorophenol
 Concen: 44.19 ng
 RT: 12.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.2	76.3	114.5	
200	33.9	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: 40.48 ng

RT: 12.99 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

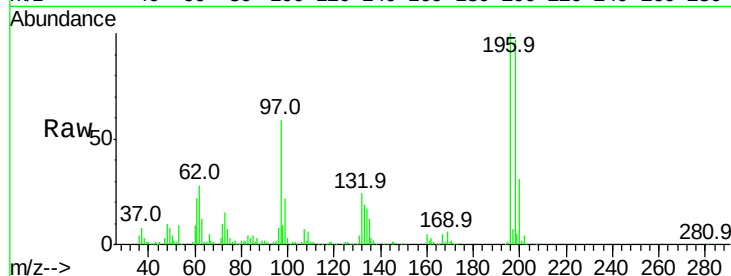
ClientSampleId :

PB97981BS

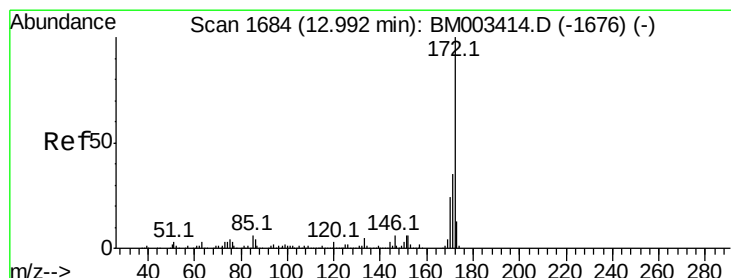
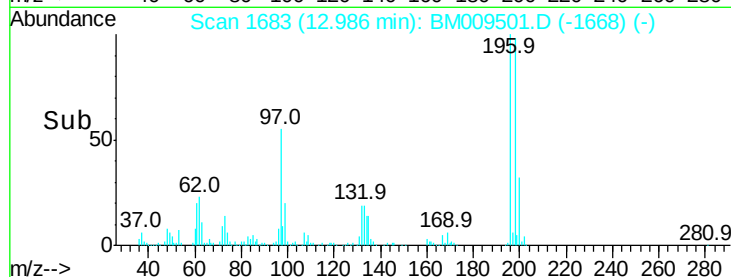
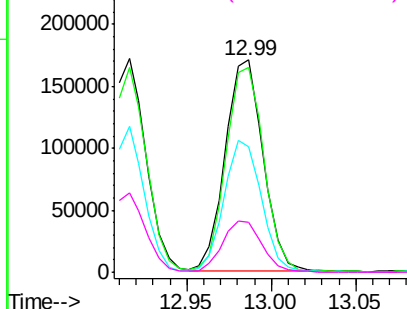
Tot Ion	196	Resp	264306
Ion Ratio	Lower	Upper	
196	100		
198	96.6	79.4	119.0
97	59.4	26.8	40.2#
132	23.7	18.6	28.0

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Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM
Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 80.34 ng

RT: 13.10 min Scan# 1703

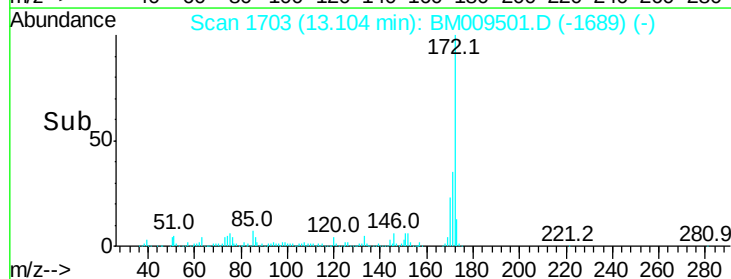
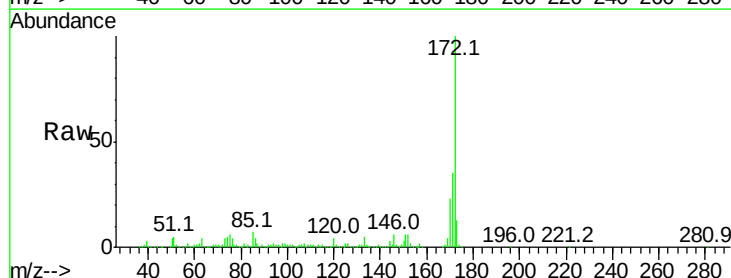
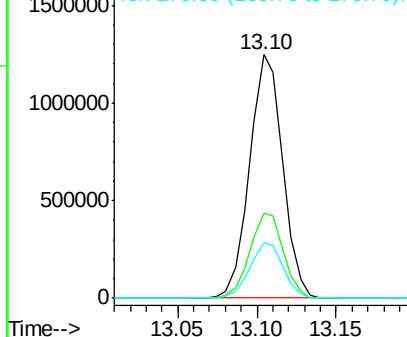
Delta R.T. -0.02 min

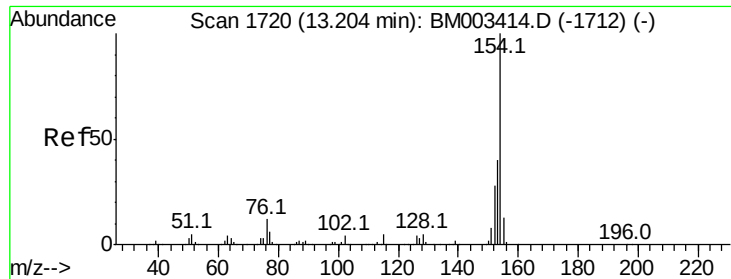
Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Tgt Ion	172	Resp	1807122
Ion Ratio	Lower	Upper	
172	100		
171	34.7	28.5	42.7
170	22.6	18.8	28.2

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





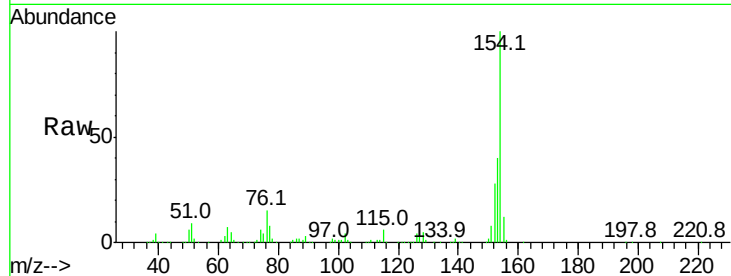
#45
 1,1'-Biphenyl
 Concen: 39.85 ng
 RT: 13.32 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	20.7	60.7	
76	14.6	0.0	30.9	

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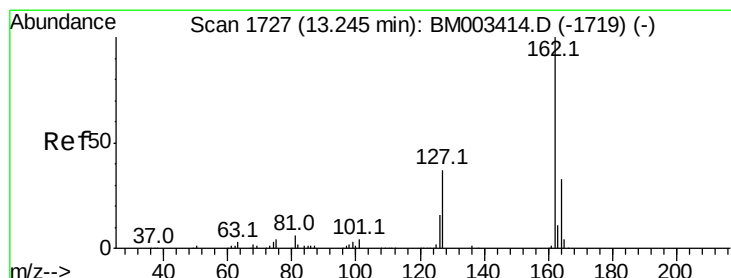
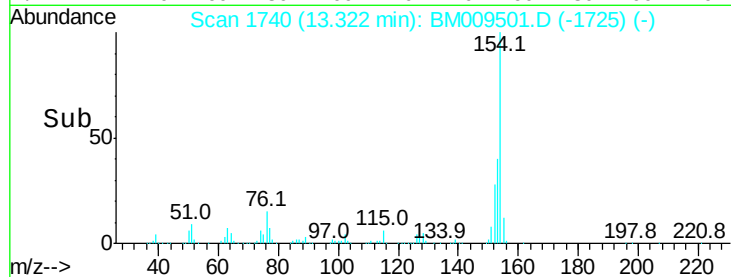
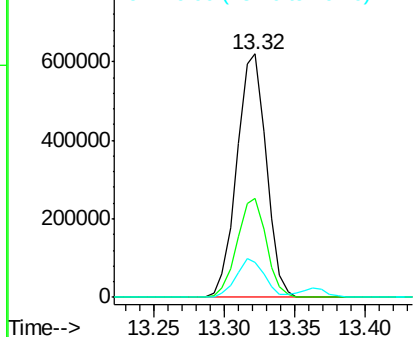


Abundance

Ion 154.00 (153.70 to 154.70): E

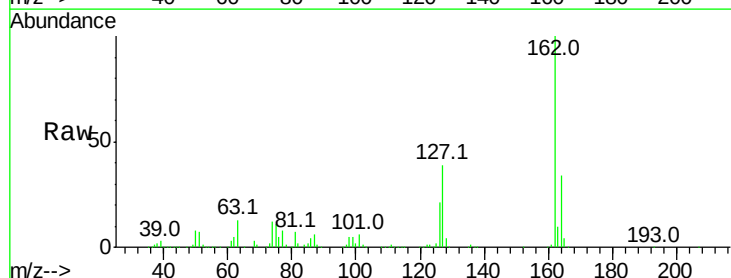
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46
 2-Chloronaphthalene
 Concen: 40.94 ng
 RT: 13.36 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.6	26.9	40.3	
164	33.7	26.8	40.2	

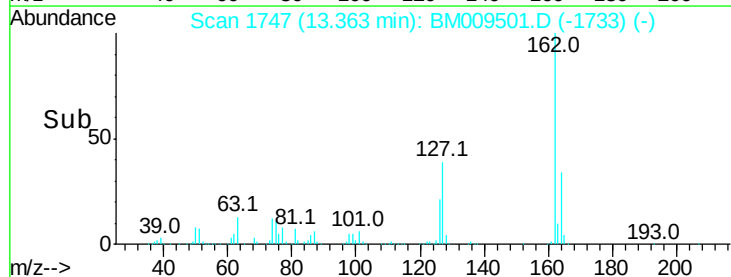
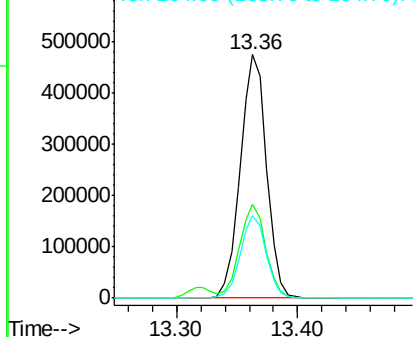


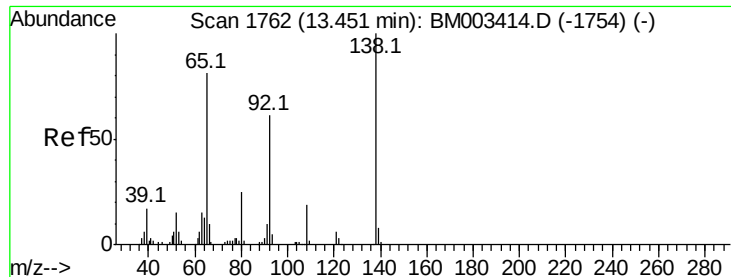
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.96 ng

RT: 13.57 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

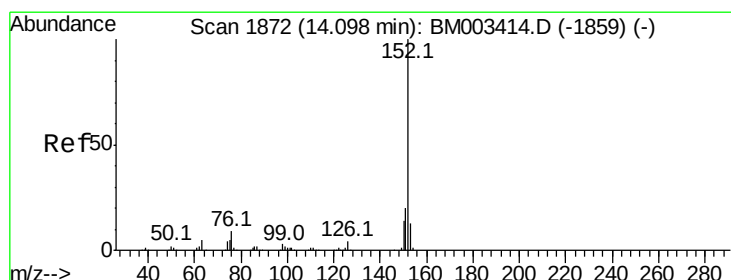
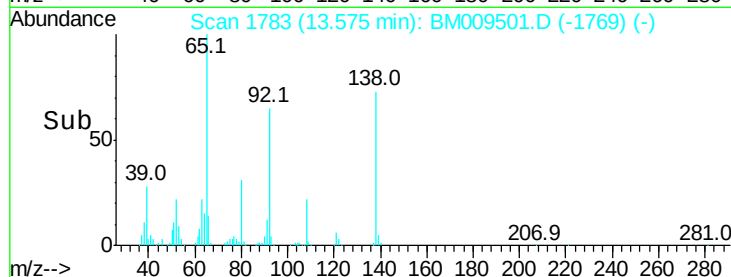
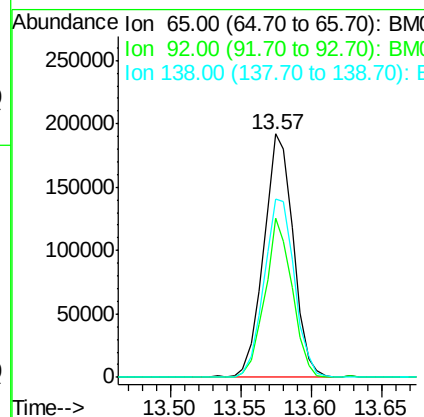
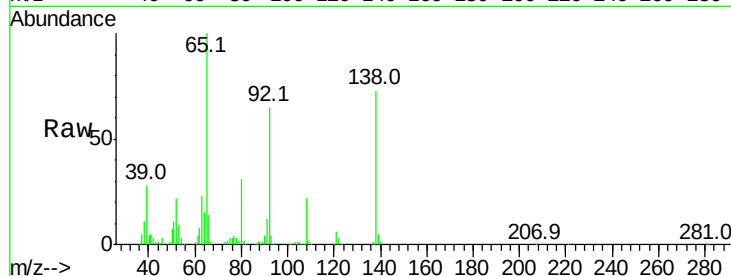
ClientSampleId :

PB97981BS

Tot Ion:	65	Resp:	283809
Ion Ratio	Lower	Upper	
65	100		
92	65.4	59.1	88.7
138	73.2	93.9	140.9#

Manual Integrations
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#48

Acenaphthylene

Concen: 40.21 ng

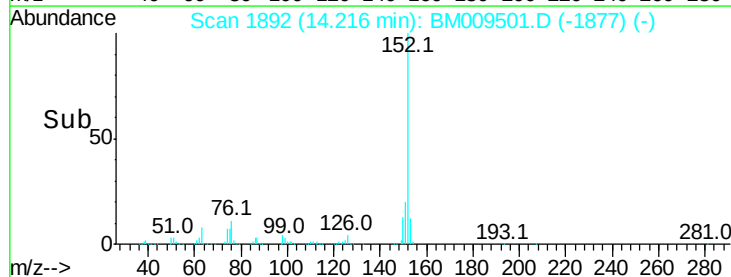
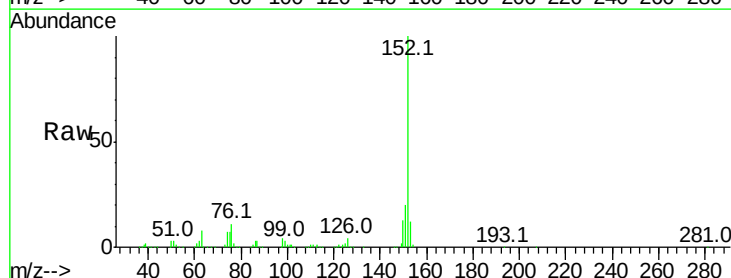
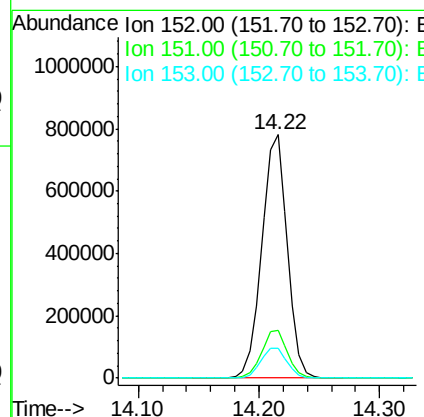
RT: 14.22 min Scan# 1892

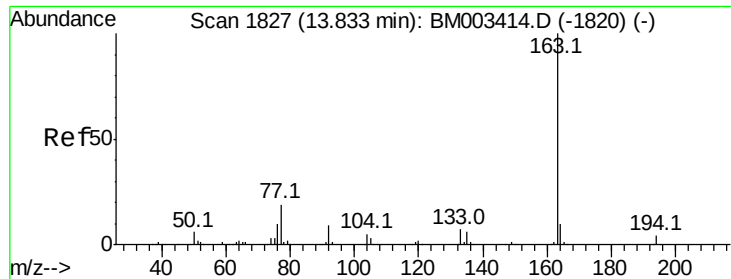
Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Tgt Ion:	152	Resp:	1147681
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.9	23.9
153	12.2	10.6	16.0





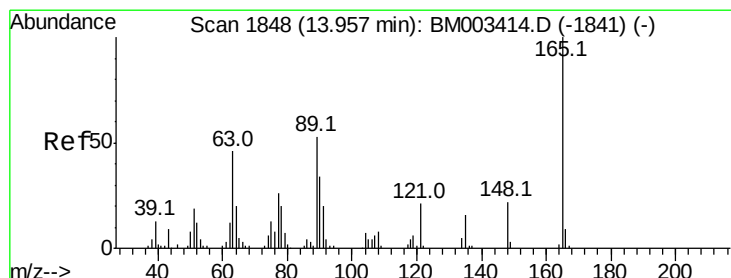
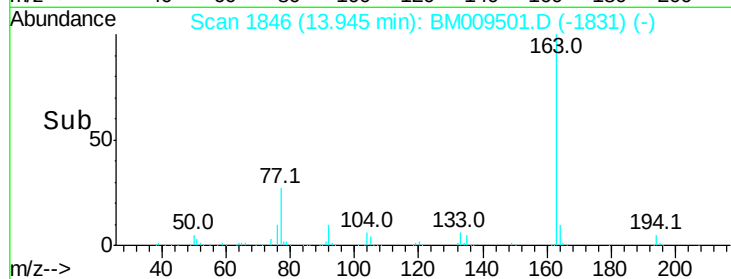
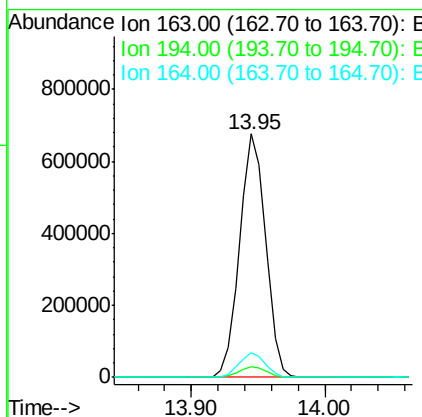
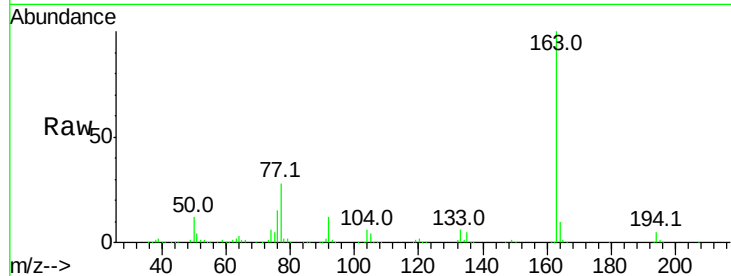
#49
Dimethylphthalate
Concen: 43.79 ng
RT: 13.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Instrument :
BNA_M
ClientSampleId :
PB97981BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	911399		
194	4.6		2.7	4.1#
164	10.2		8.2	12.2

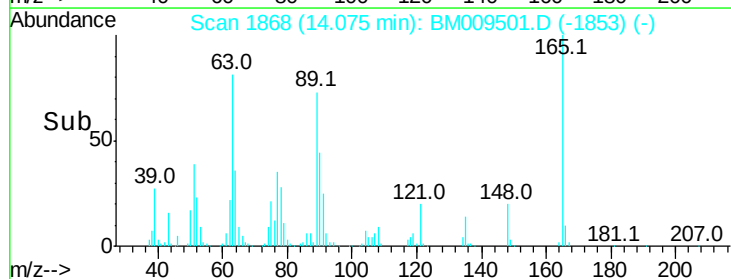
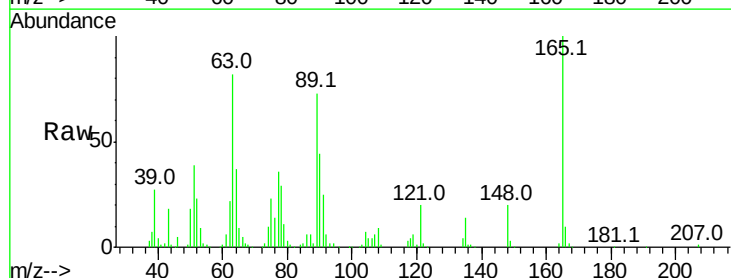
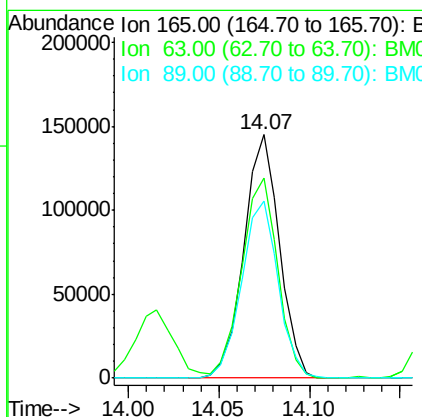
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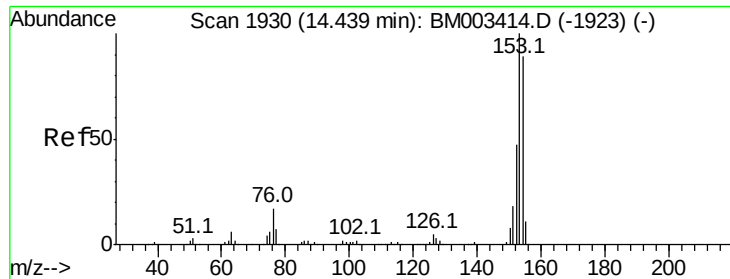
mohammad
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#50
2,6-Dinitrotoluene
Concen: 44.04 ng
RT: 14.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	197503		
63	82.3		44.1	66.1#
89	72.8		44.3	66.5#





#51

Acenaphthene

Concen: 40.71 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

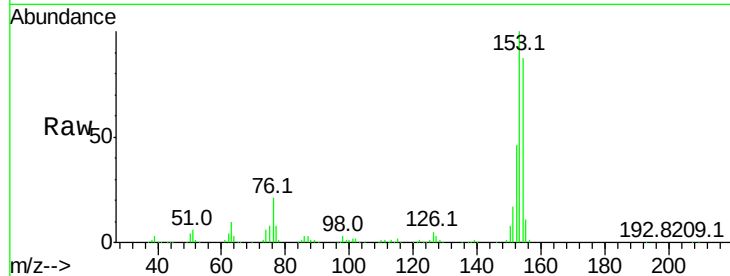
ClientSampleId :

PB97981BS

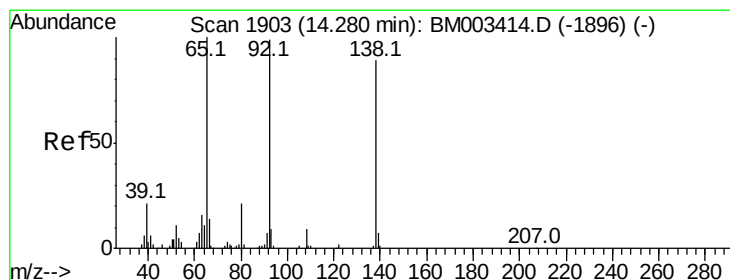
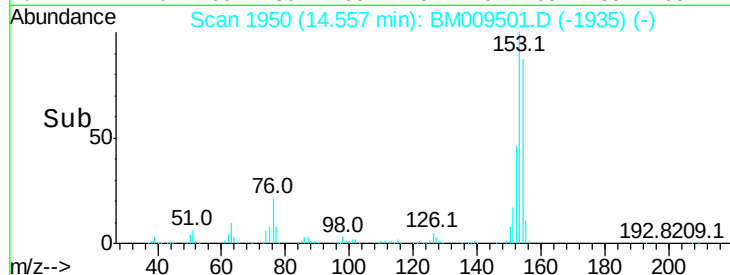
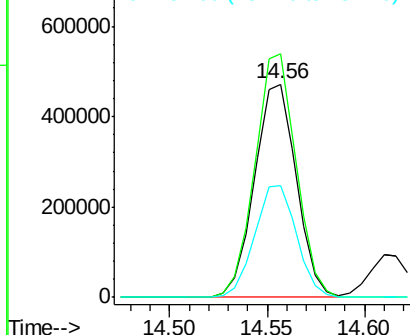
Tot Ion:	154	Resp:	700977
Ion Ratio	Lower	Upper	
154	100		
153	114.4	90.0	135.0
152	52.2	42.6	63.8

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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: 23.02 ng

RT: 14.40 min Scan# 1924

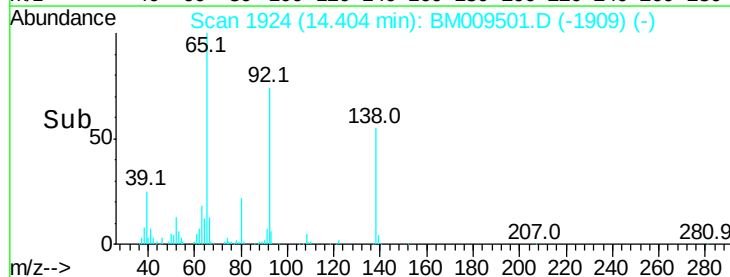
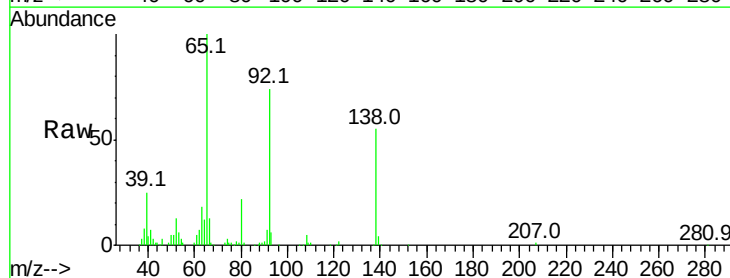
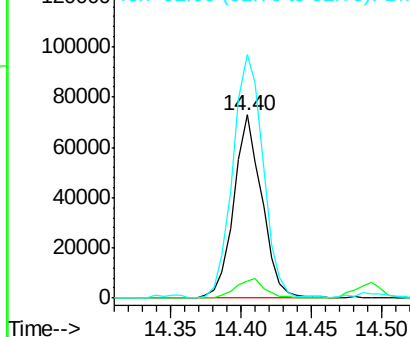
Delta R.T. -0.01 min

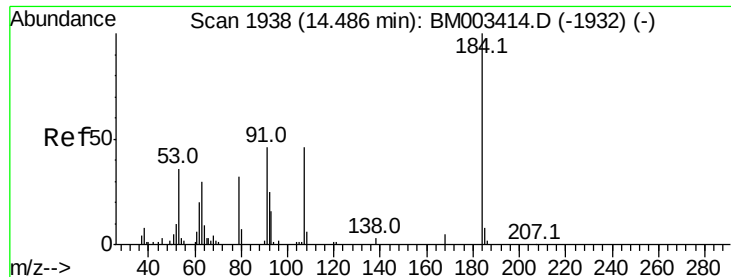
Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Tgt Ion:	138	Resp:	101731
Ion Ratio	Lower	Upper	
138	100		
108	9.2	7.3	10.9
92	133.1	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





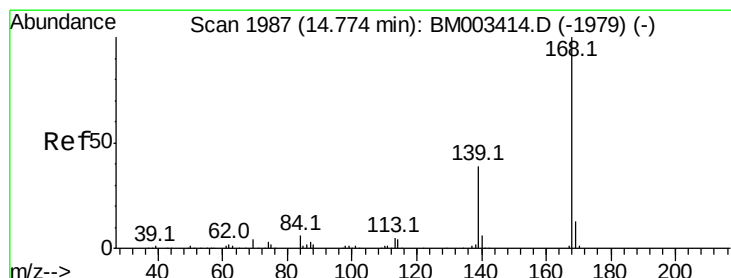
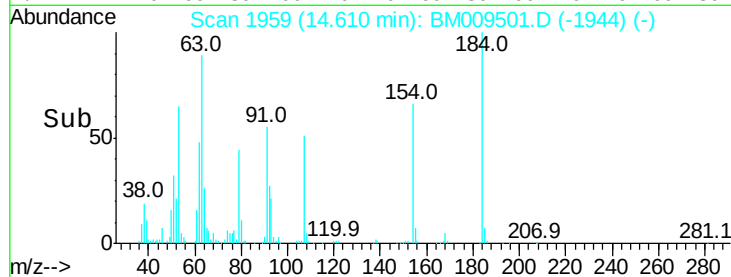
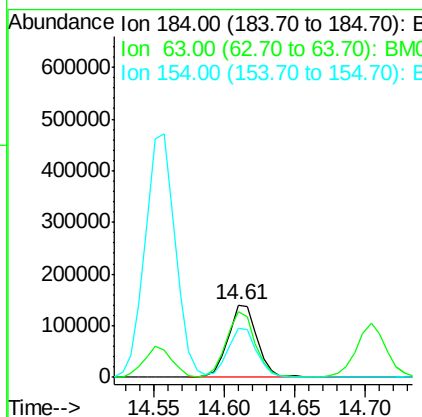
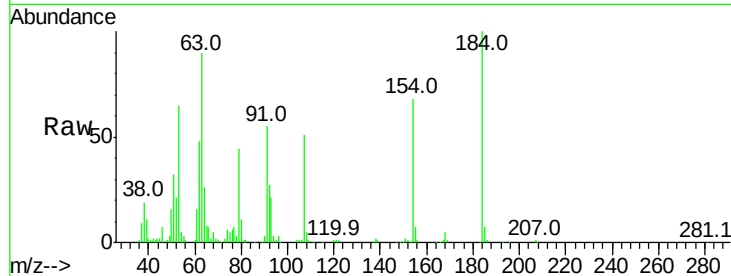
#53
2,4-Dinitrophenol
Concen: 67.87 ng
RT: 14.61 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Instrument :
BNA_M
ClientSampleId :
PB97981BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	89.6	69.2	103.8
154	67.5	53.3	79.9

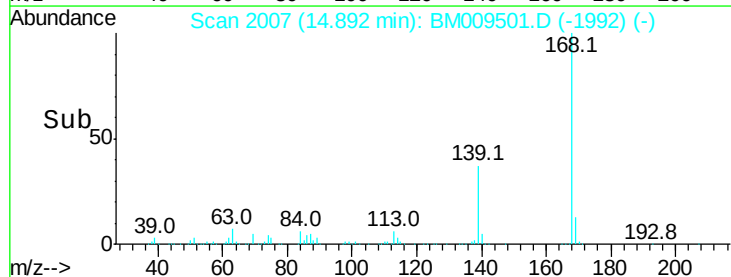
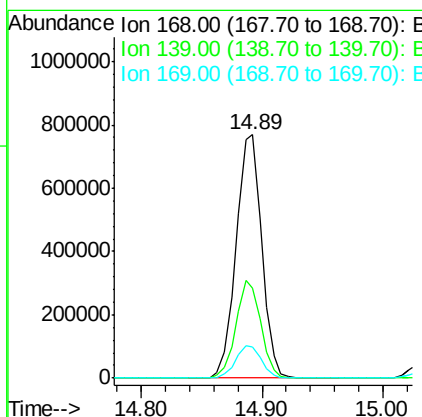
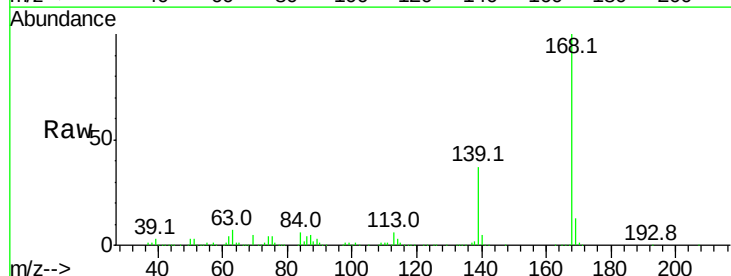
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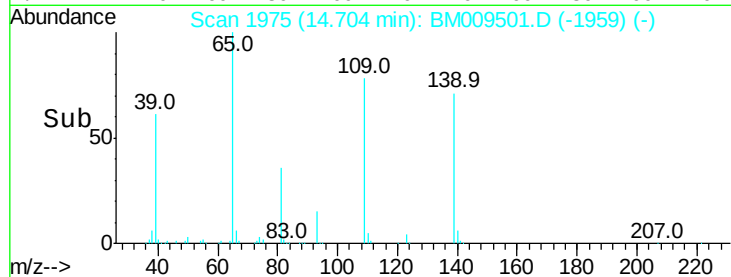
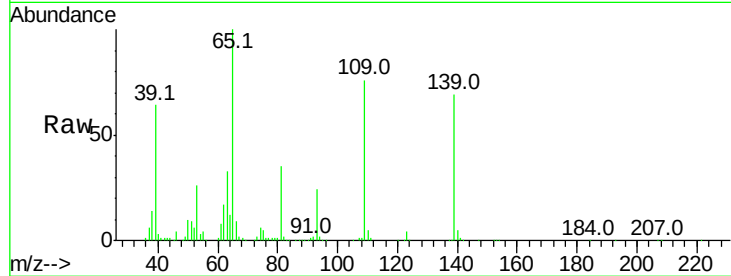
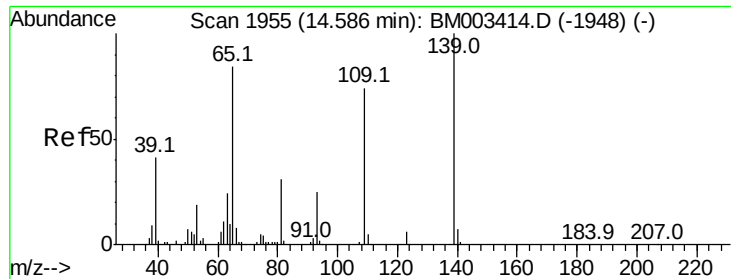
mohammad
4/4/2017 5:33:15 PM



#54
Dibenzofuran
Concen: 44.60 ng
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.9	27.3	40.9
169	12.9	10.6	16.0





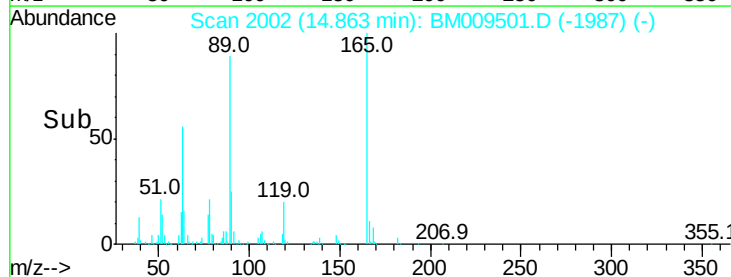
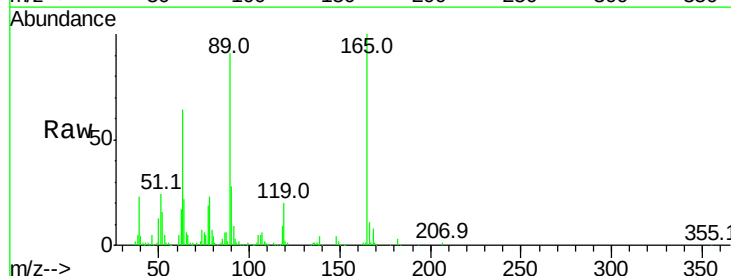
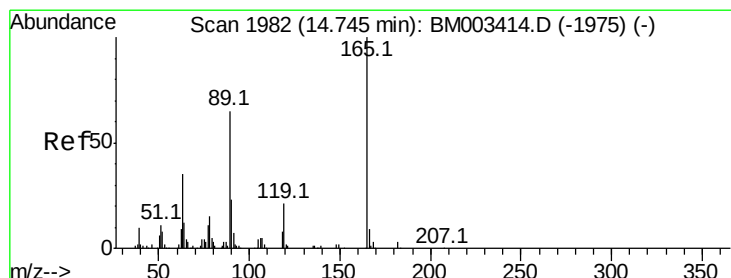
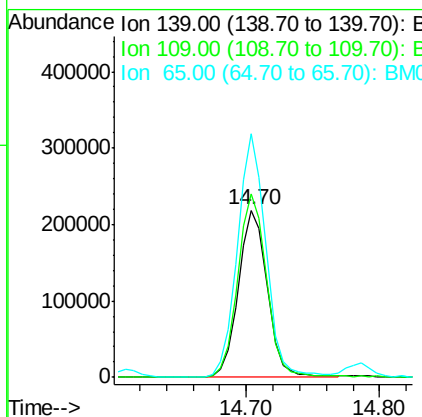
#55
4-Nitrophenol
Concen: 89.79 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Instrument :
BNA_M
ClientSampleId :
PB97981BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	110.1	37.7	77.7#	
65	145.7	49.9	89.9#	

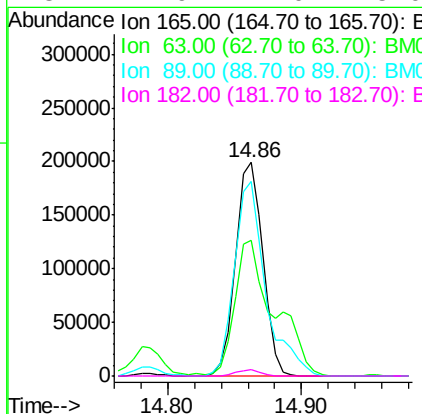
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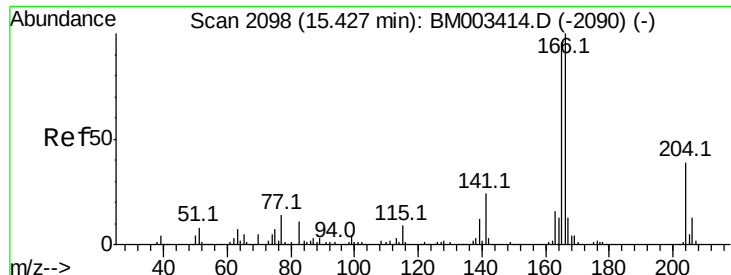
mohammad
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#56
2,4-Dinitrotoluene
Concen: 46.53 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	63.6	52.4	78.6	
89	91.4	72.4	108.6	
182	2.9	2.0	3.0	





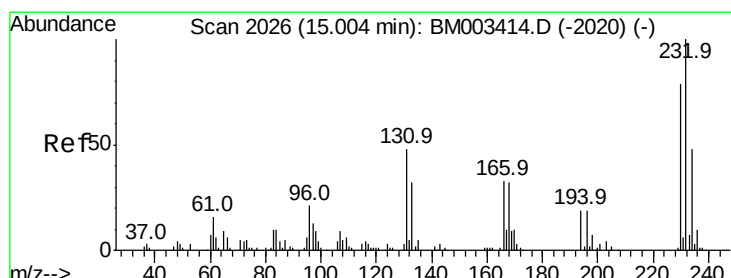
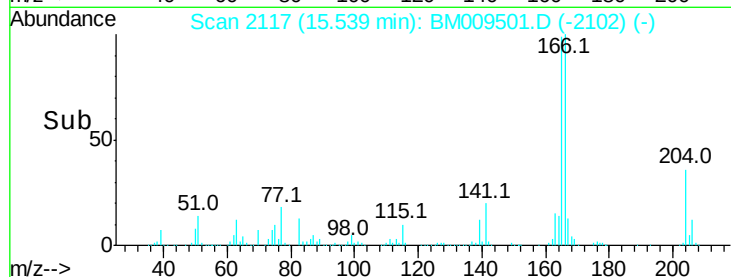
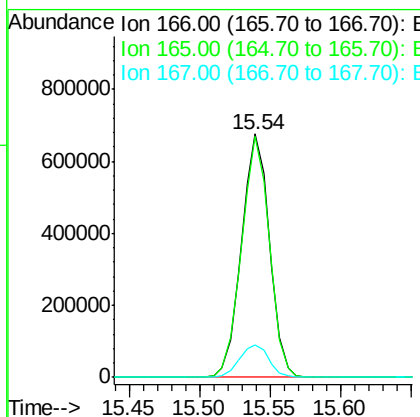
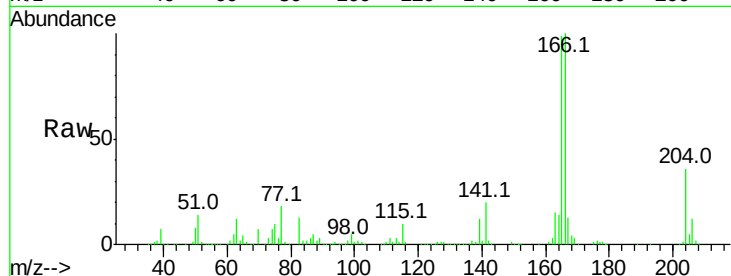
#57
Fluorene
 Concen: 40.89 ng
 RT: 15.54 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.9	79.0	118.4	
167	13.4	10.3	15.5	

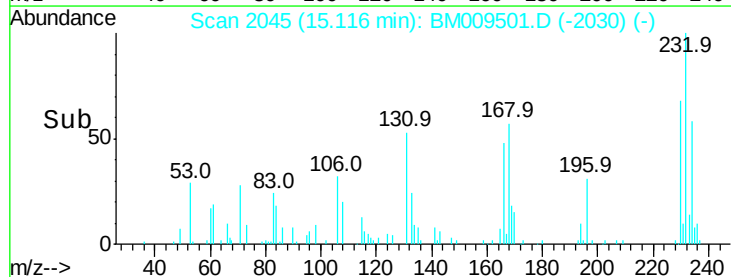
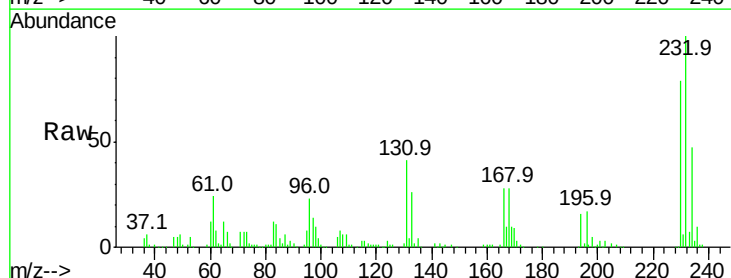
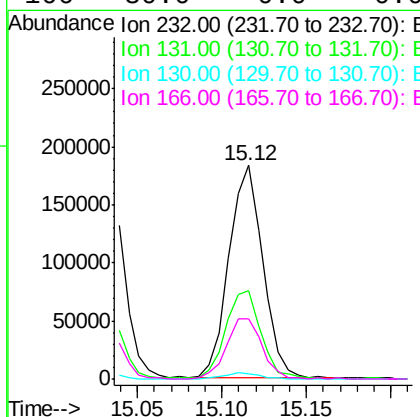
Manual Integrations
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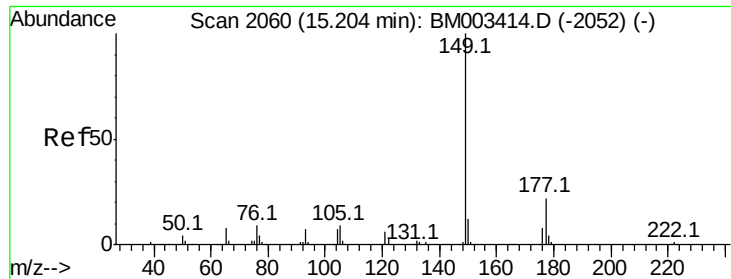
mohammad
 4/4/2017 5:33:15 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.52 ng
 RT: 15.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	43.8	0.0	0.0#	
130	2.9	0.0	0.0#	
166	30.0	0.0	0.0#	





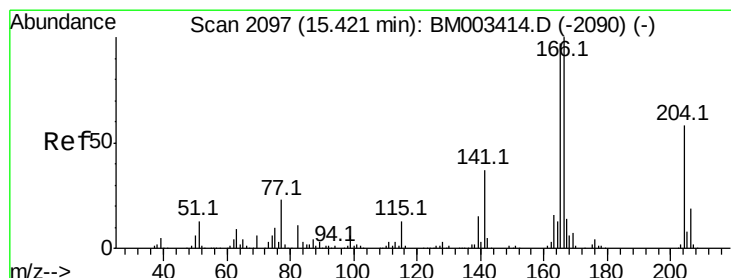
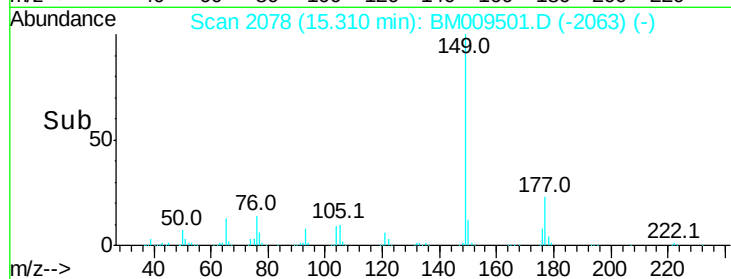
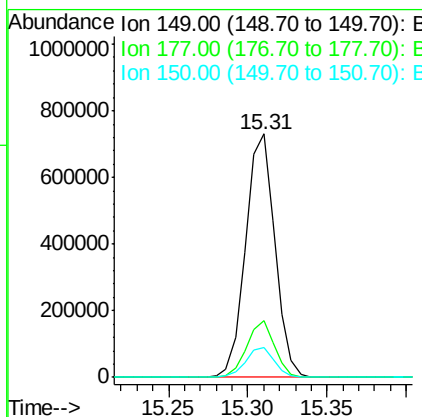
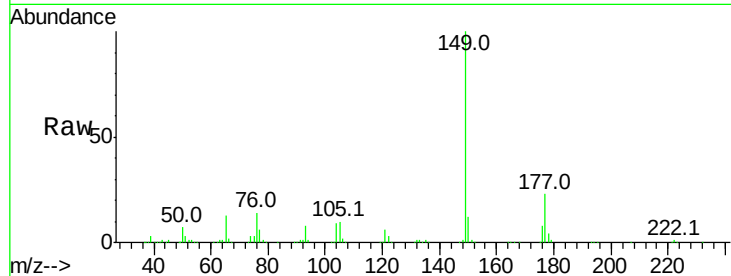
#59
Diethylphthalate
Concen: 44.32 ng
RT: 15.31 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Instrument :
BNA_M
ClientSampleId :
PB97981BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.4	18.3	27.5	
150	12.1	9.8	14.8	

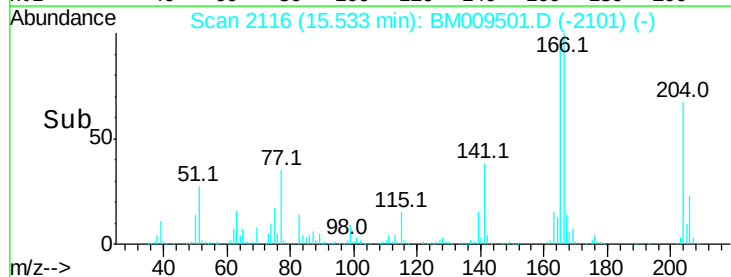
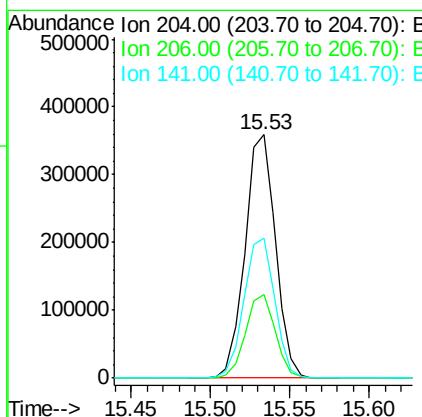
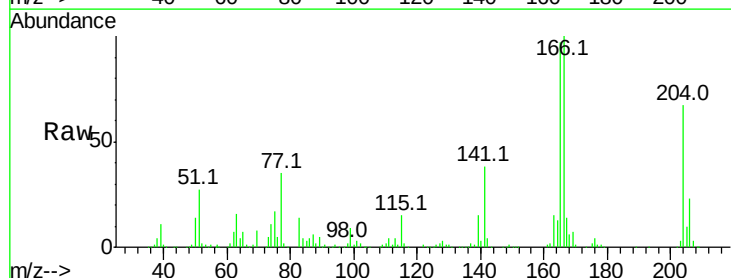
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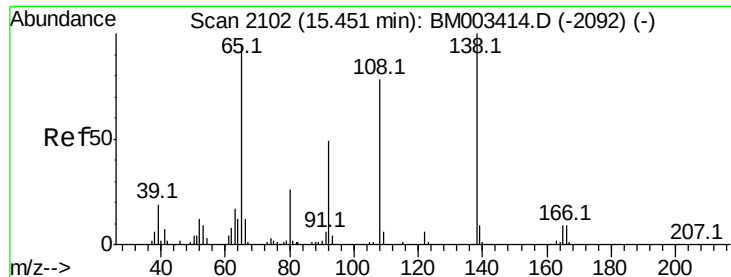
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 40.07 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.4	26.6	39.8	
141	57.3	45.2	67.8	





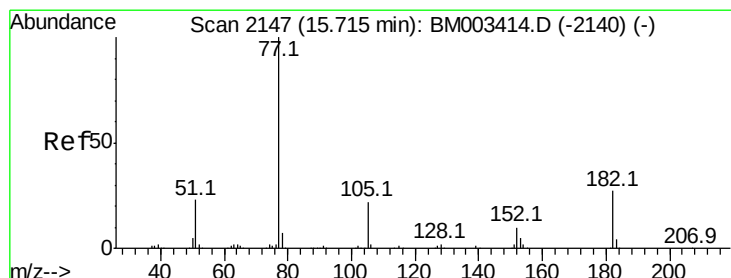
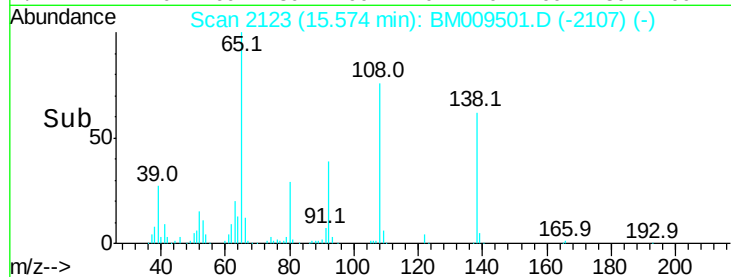
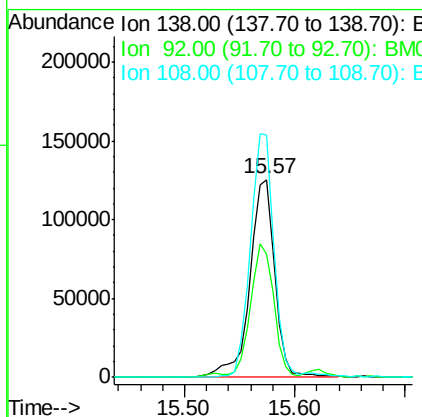
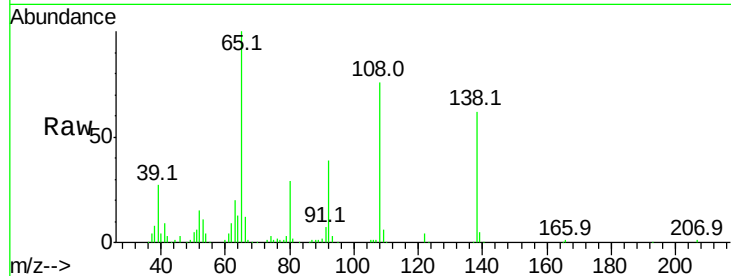
#61
4-Nitroaniline
Concen: 41.84 ng
RT: 15.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Instrument :
BNA_M
ClientSampleId :
PB97981BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.4	16.7	56.7#
108	122.4	37.6	77.6#

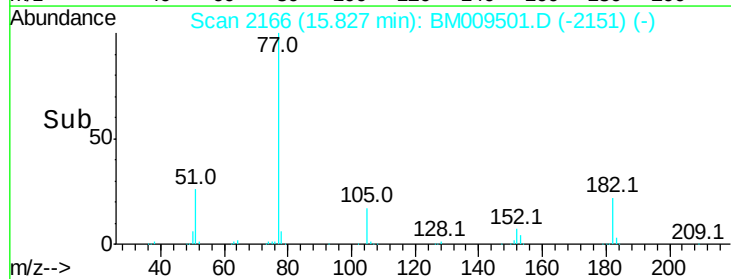
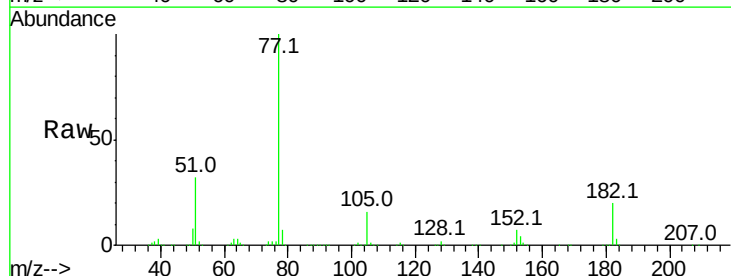
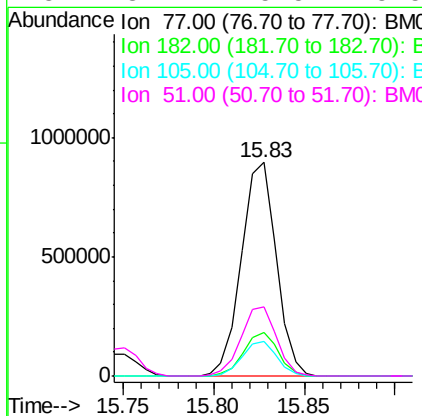
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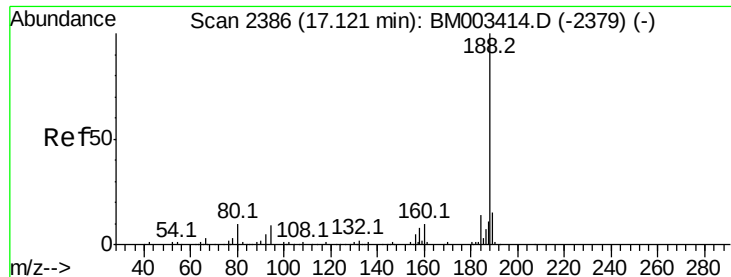
mohammad
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#62
Azobenzene
Concen: 48.75 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.3	6.5	46.5
105	16.0	3.8	43.8
51	32.4	5.5	45.5





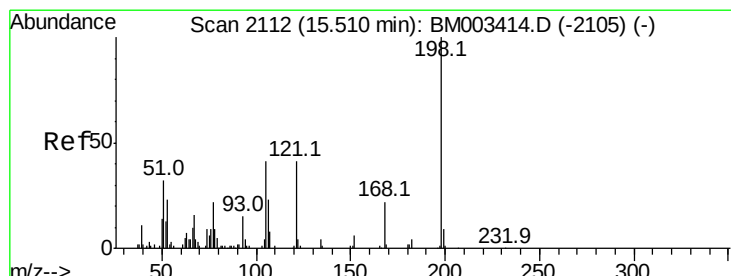
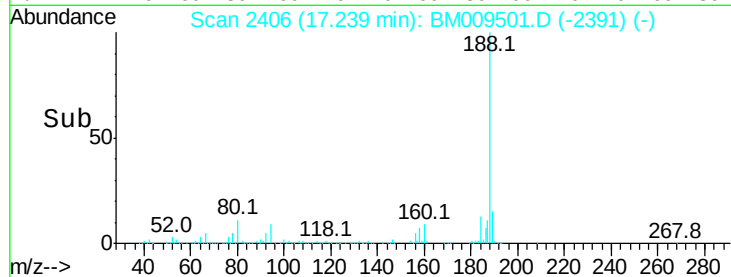
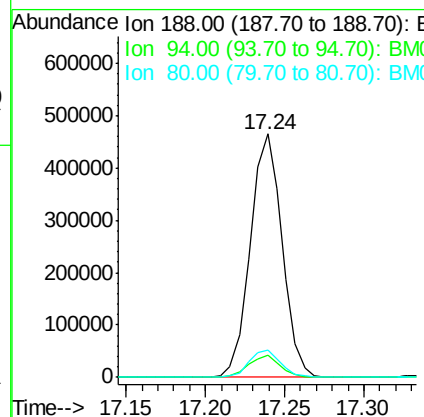
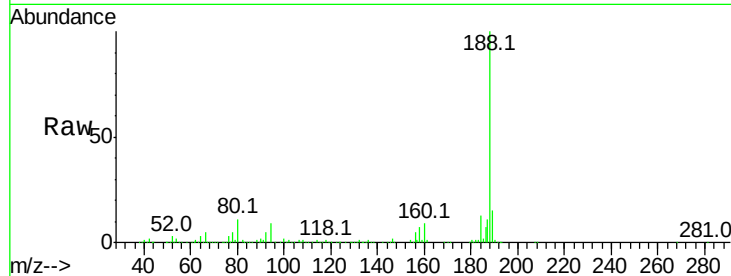
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Instrument :
BNA_M
ClientSampleId :
PB97981BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	645955		
94	9.0	8.7	13.1	
80	11.3	9.3	13.9	

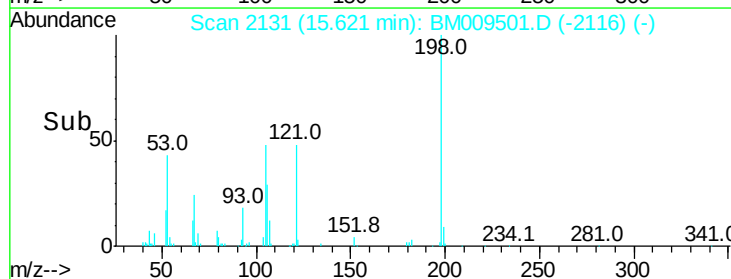
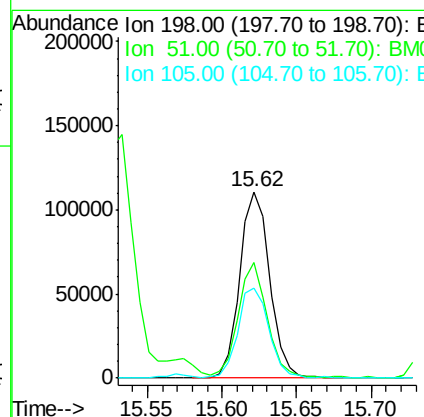
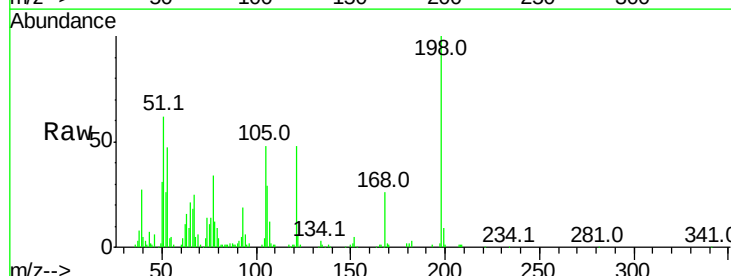
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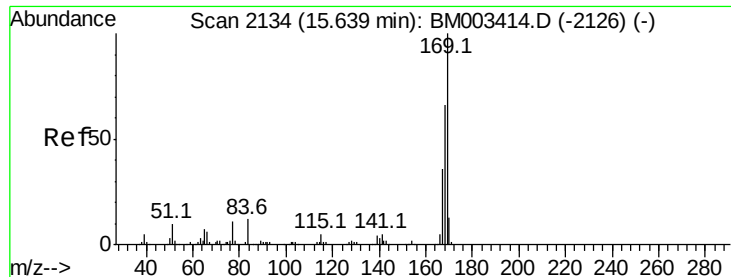
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.09 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	155016		
51	61.8	28.8	68.8	
105	48.3	30.5	70.5	





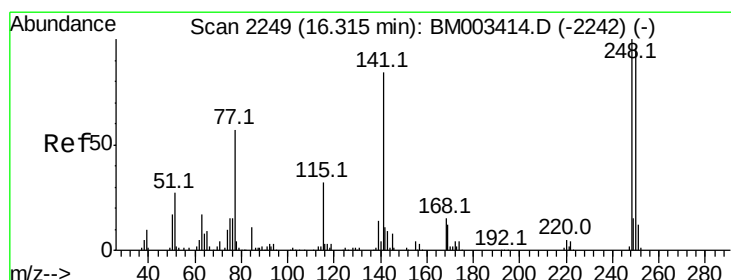
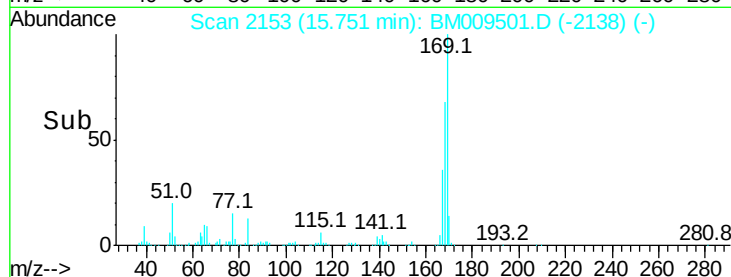
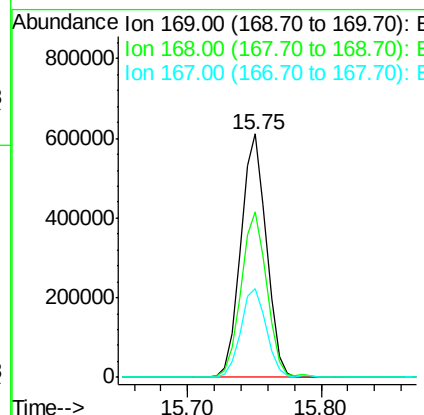
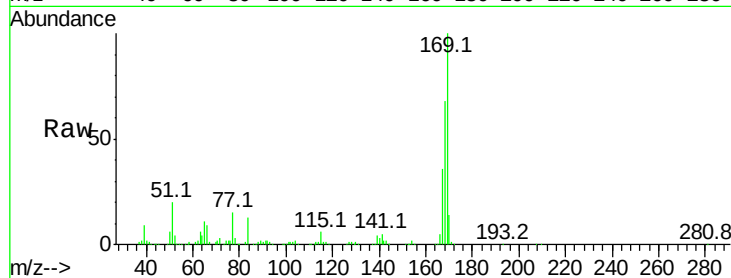
#65
 n-Nitrosodiphenylamine
 Concen: 41.20 ng
 RT: 15.75 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	808479		
168	68.0		53.9	80.9
167	36.2		28.9	43.3

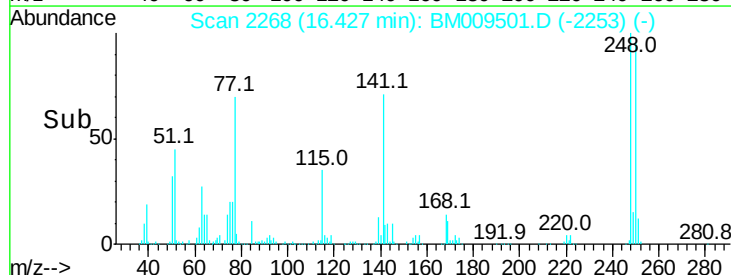
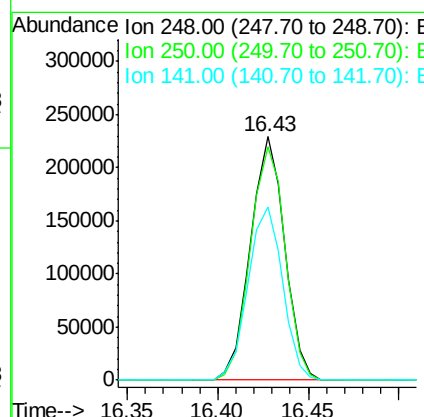
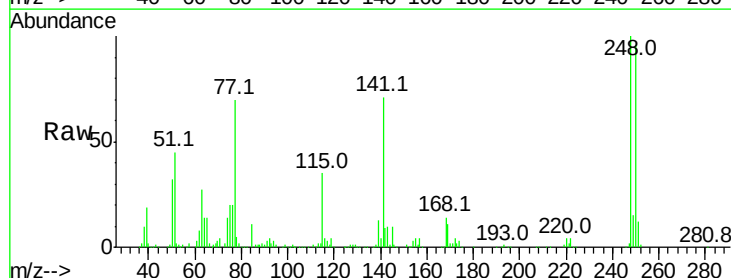
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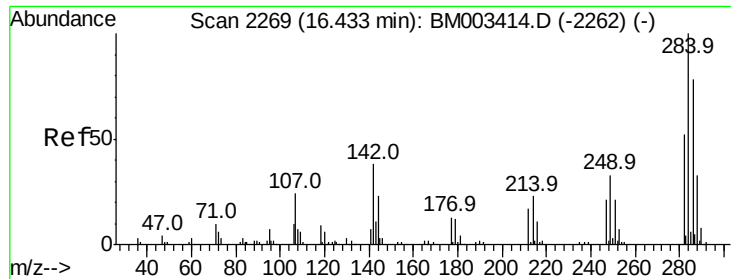
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#66
 4-Bromophenyl-phenylether
 Concen: 40.22 ng
 RT: 16.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	301018		
250	96.0		77.4	116.0
141	71.2		45.2	67.8#





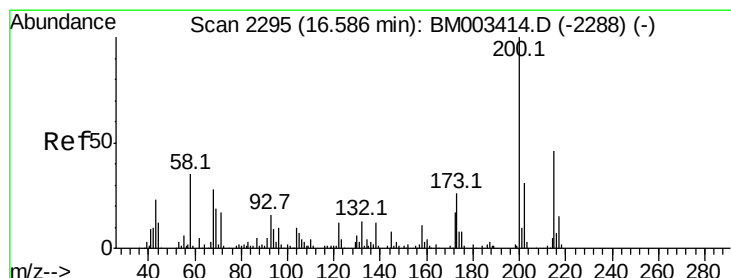
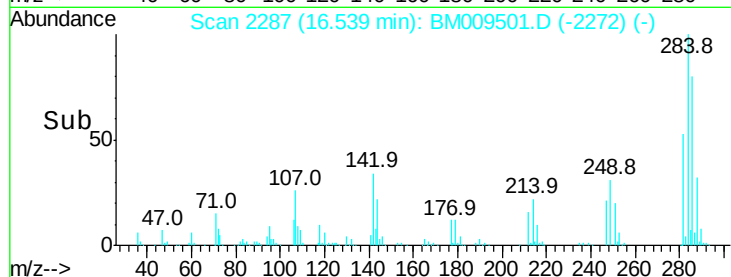
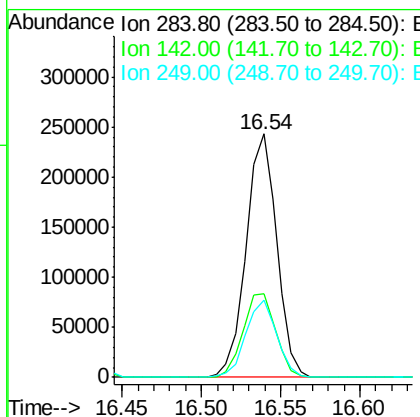
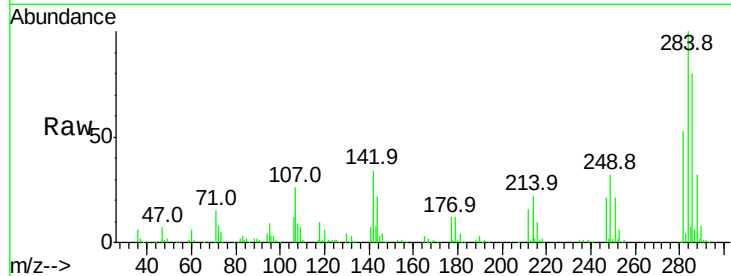
#67
Hexachlorobenzene
Concen: 39.81 ng
RT: 16.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Instrument :
BNA_M
ClientSampleId :
PB97981BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	326592		
142	34.2	20.4	30.6	#
249	31.6	23.8	35.6	

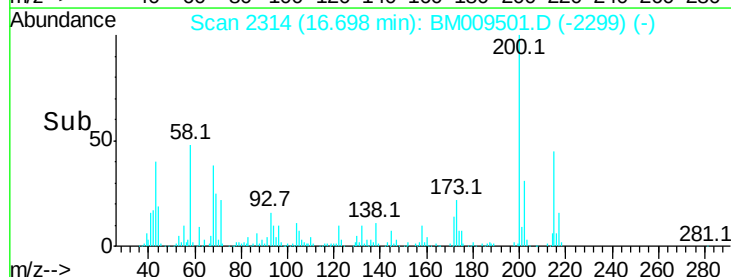
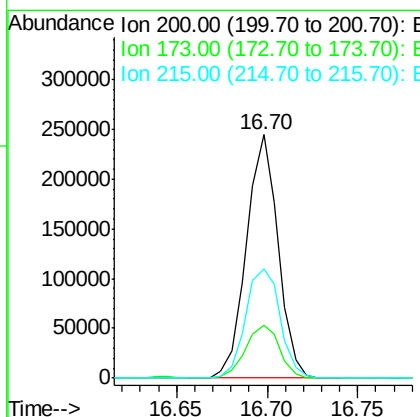
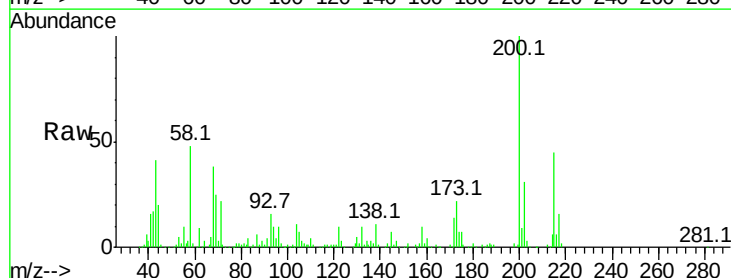
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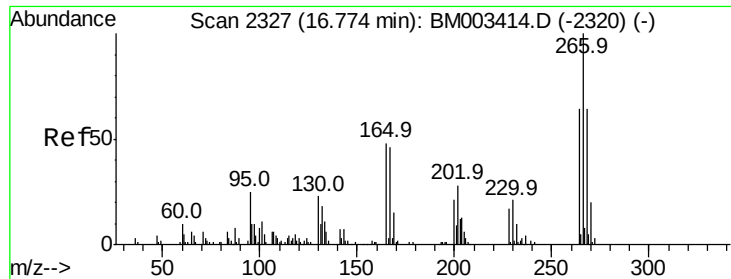
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#68
Atrazine
Concen: 40.15 ng
RT: 16.70 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	296312		
173	22.0	4.8	44.8	
215	44.6	26.9	66.9	





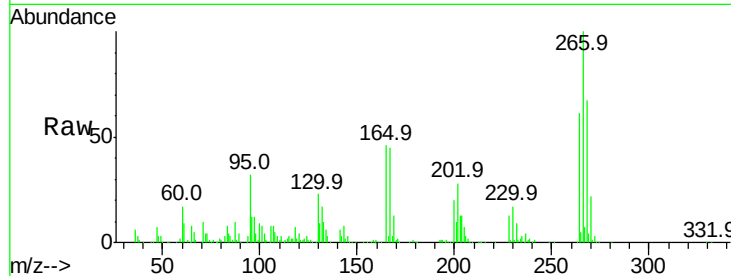
#69
 Pentachlorophenol
 Concen: 77.77 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

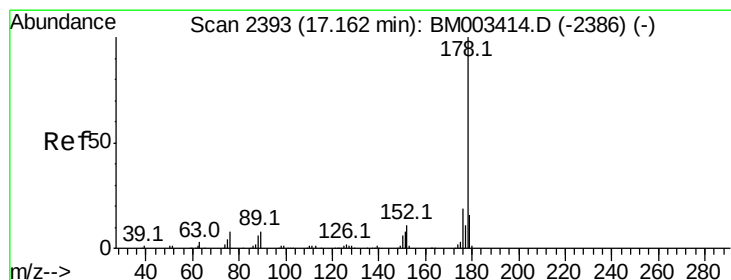
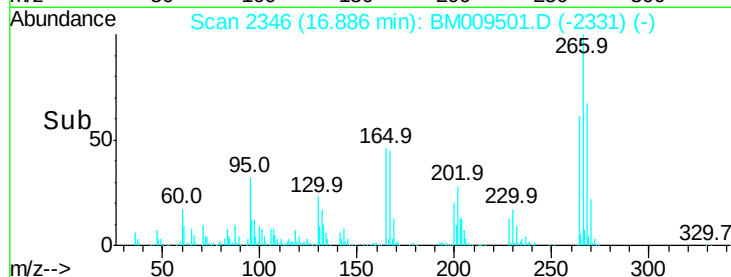
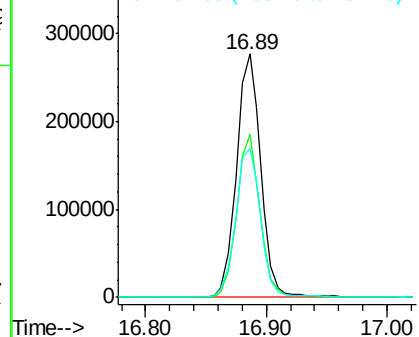
Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	67.2	52.0	78.0	
264	61.2	49.0	73.4	

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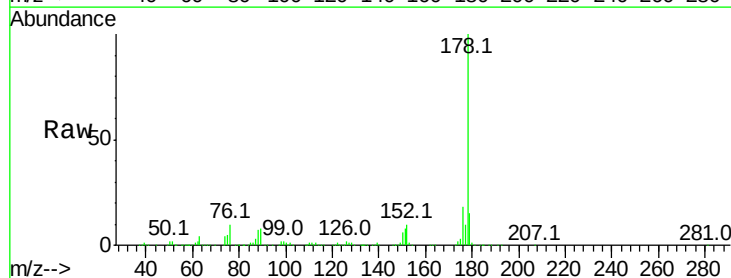


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

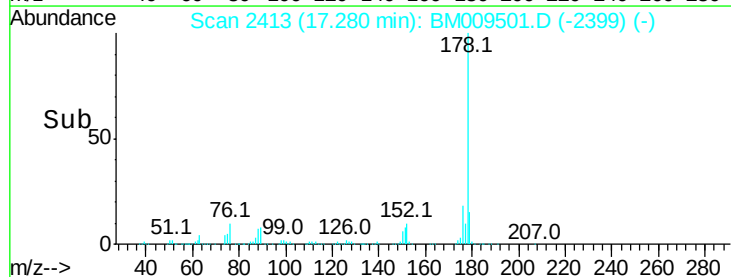
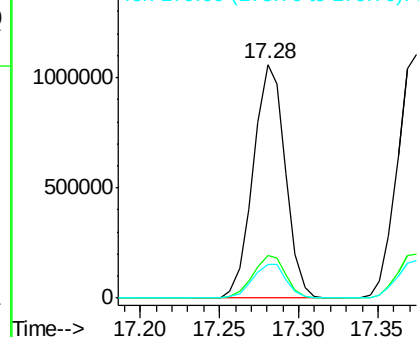


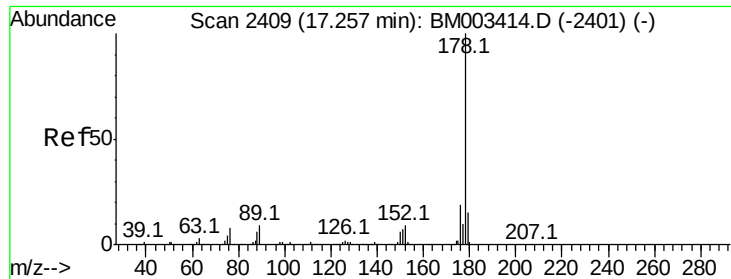
#70
 Phenanthrene
 Concen: 40.44 ng
 RT: 17.28 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.5	15.2	22.8	
179	14.6	12.1	18.1	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





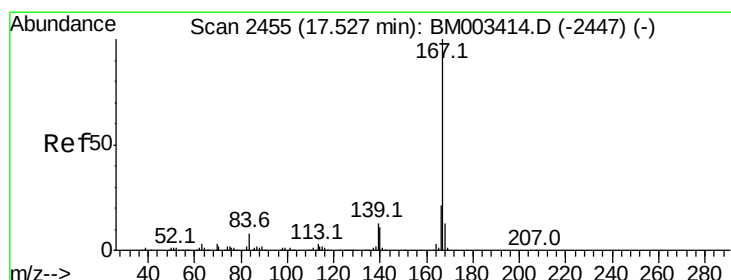
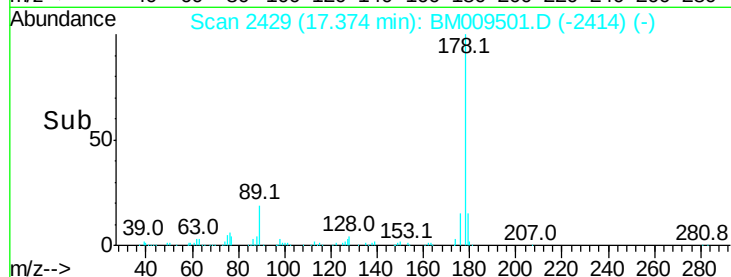
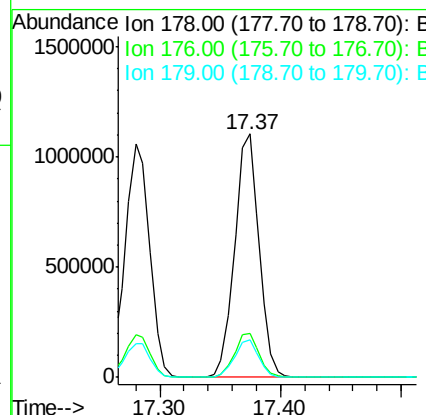
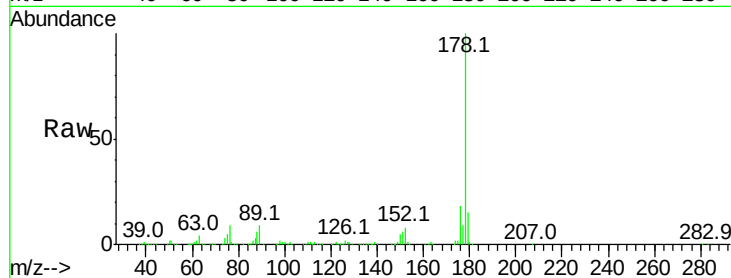
#71
 Anthracene
 Concen: 41.34 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

Tot Ion:178 Resp: 1545876
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.6 22.0
 179 15.4 12.6 19.0

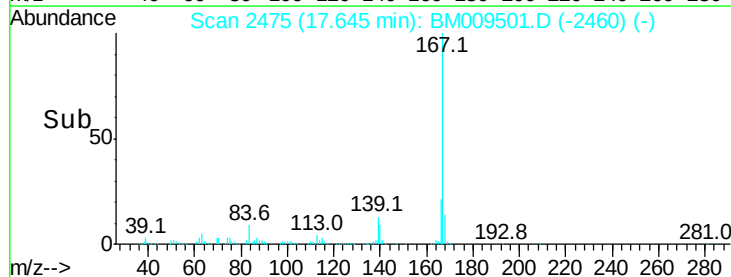
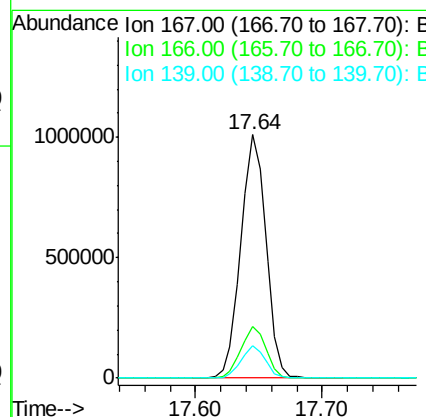
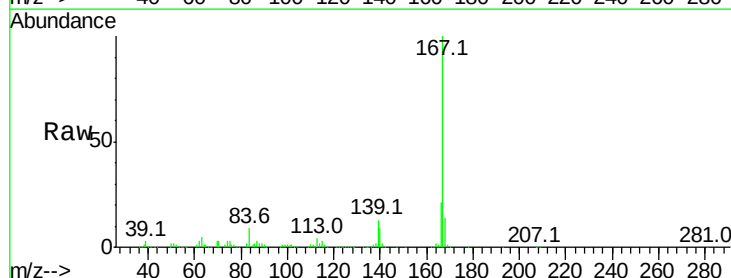
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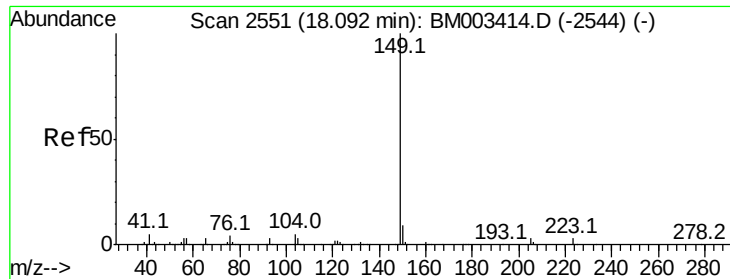
mohammad
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#72
 Carbazole
 Concen: 38.75 ng
 RT: 17.64 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion:167 Resp: 1387975
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.1 10.8 16.2





#73

Di-n-butylphthalate

Concen: 43.88 ng

RT: 18.19 min Scan# 2568

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

Tot Ion:149 Resp: 1605325

Ion Ratio Lower Upper

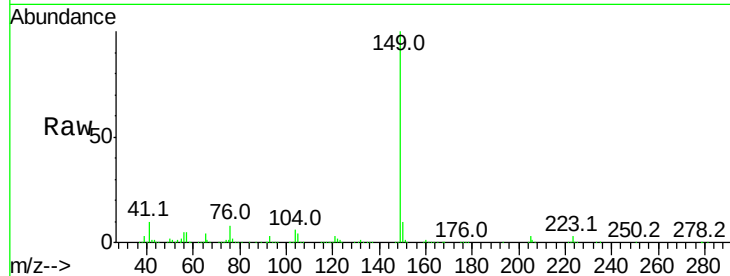
149 100

150 9.6 7.5 11.3

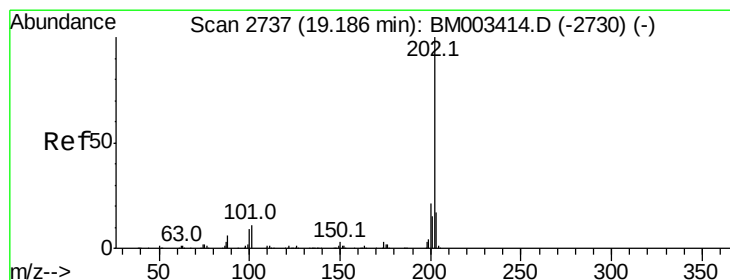
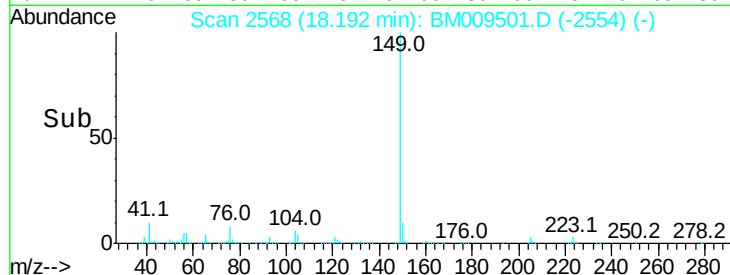
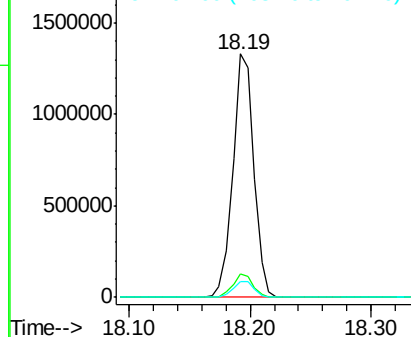
104 6.2 3.7 5.5#

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



#74

Fluoranthene

Concen: 41.83 ng

RT: 19.30 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

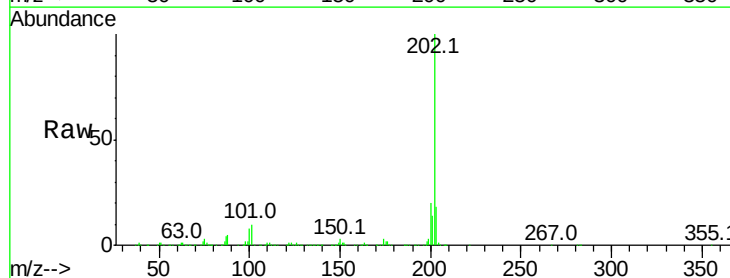
Tgt Ion:202 Resp: 1830212

Ion Ratio Lower Upper

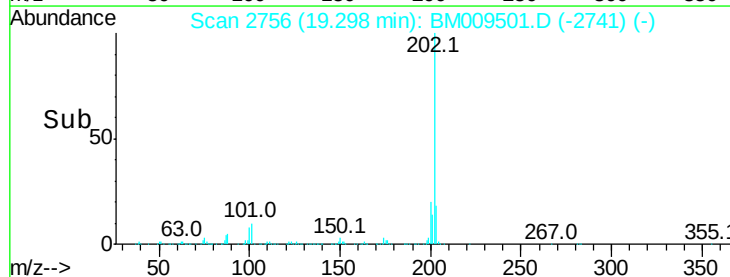
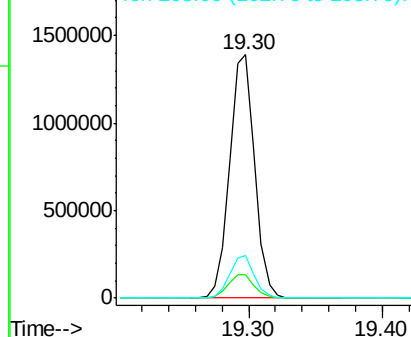
202 100

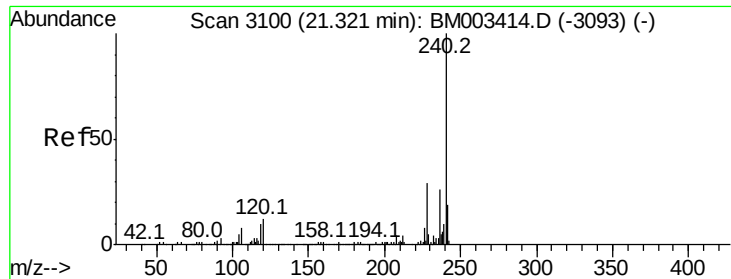
101 9.7 0.0 28.7

203 17.7 0.0 37.2



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

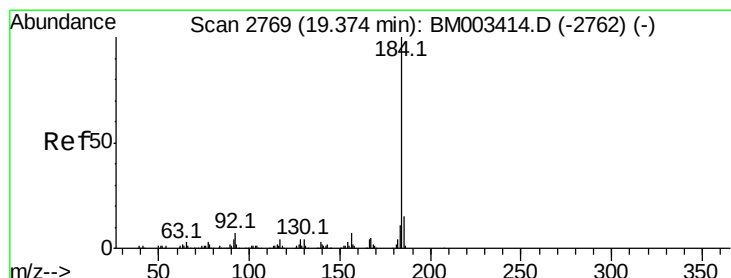
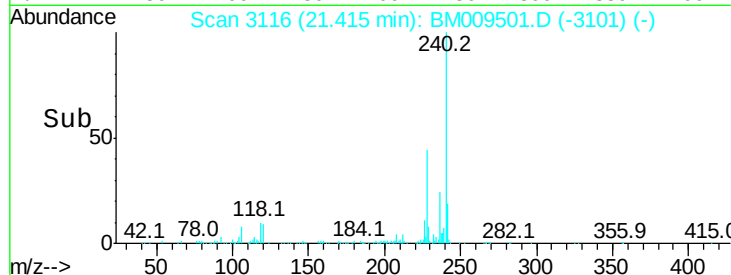
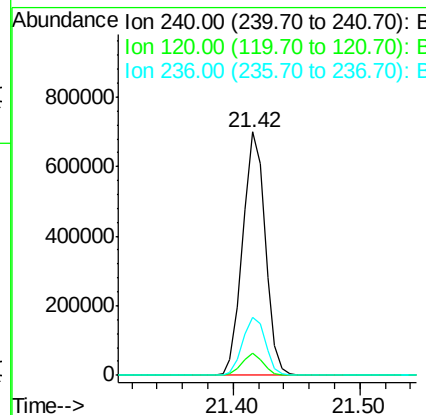
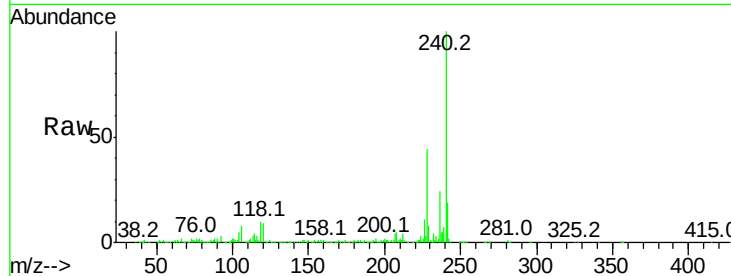
ClientSampleId :

PB97981BS

Tot Ion:	240	Resp:	857829
Ion Ratio	Lower	Upper	
240	100		
120	9.0	8.2	12.2
236	23.8	20.0	30.0

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#76

Benzidine

Concen: 28.78 ng

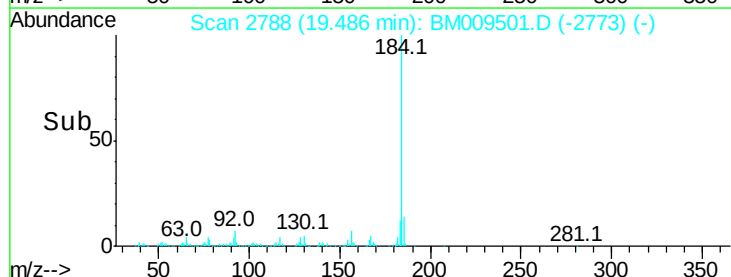
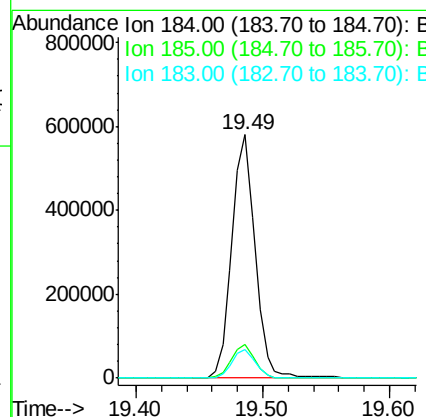
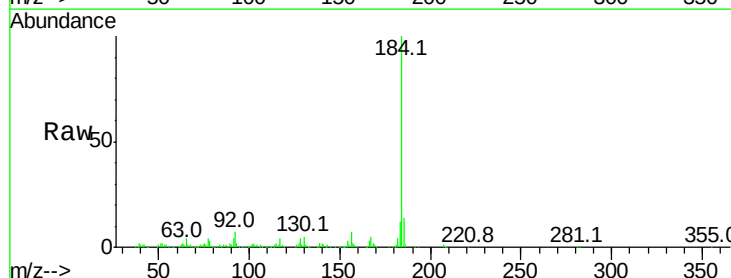
RT: 19.49 min Scan# 2788

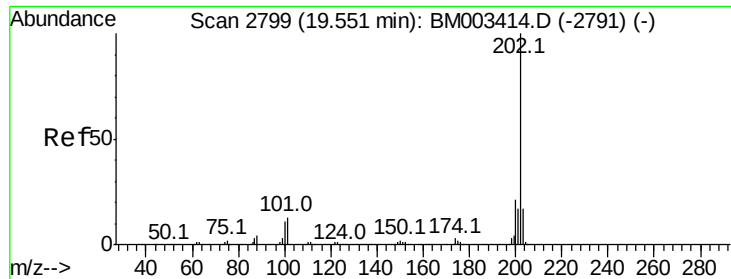
Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Tgt Ion:	184	Resp:	735907
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.3	16.9
183	11.5	8.9	13.3





#77

Pvrene

Concen: 39.55 ng

RT: 19.66 min Scan# 2817

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

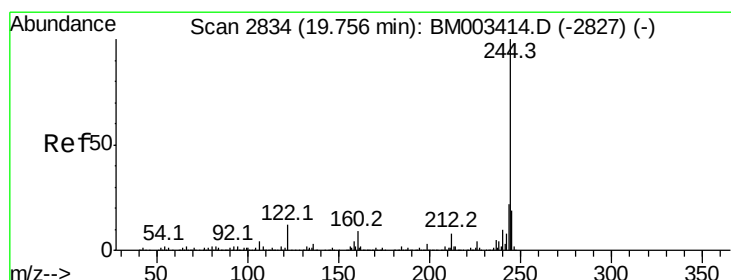
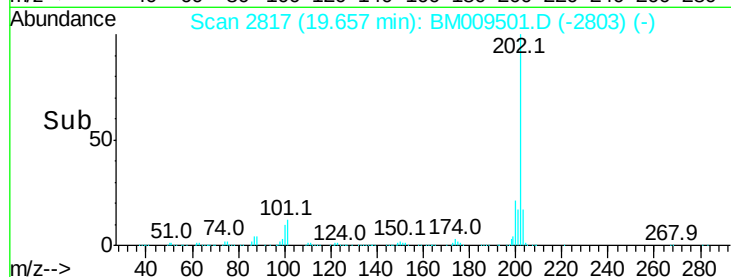
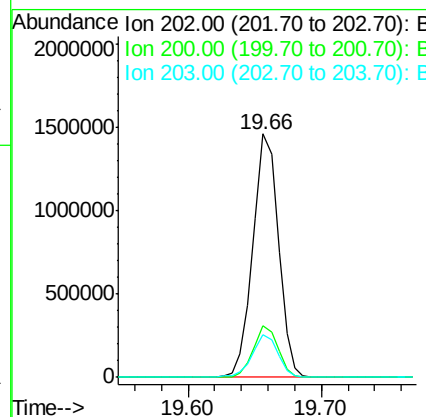
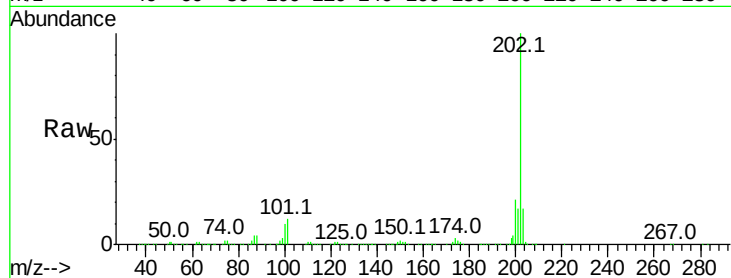
ClientSampleId :

PB97981BS

Tot Ion:	202	Resp:	1924395
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.9	25.3
203	17.3	14.1	21.1

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#78

Terphenyl-d14

Concen: 71.19 ng

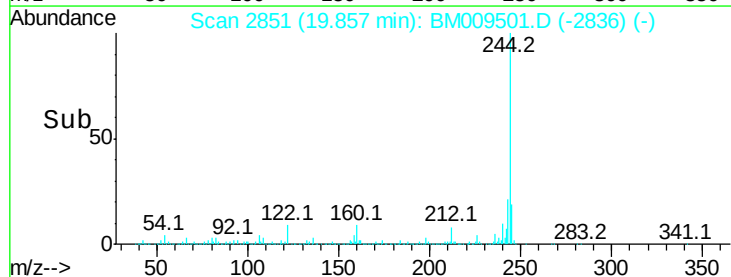
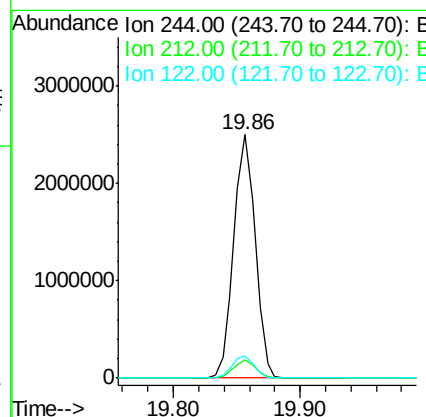
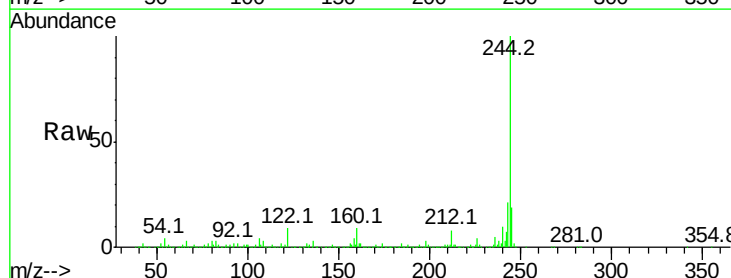
RT: 19.86 min Scan# 2851

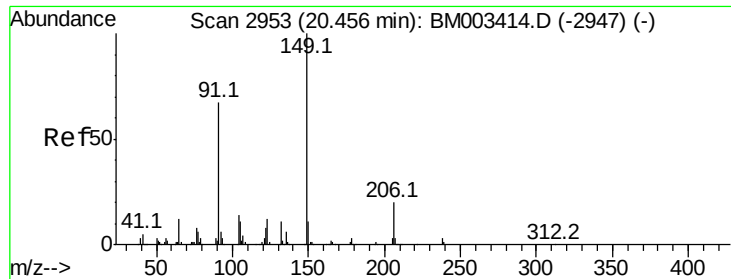
Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Tgt Ion:	244	Resp:	2922467
Ion Ratio	Lower	Upper	
244	100		
212	7.7	4.9	7.3#
122	9.2	6.2	9.4





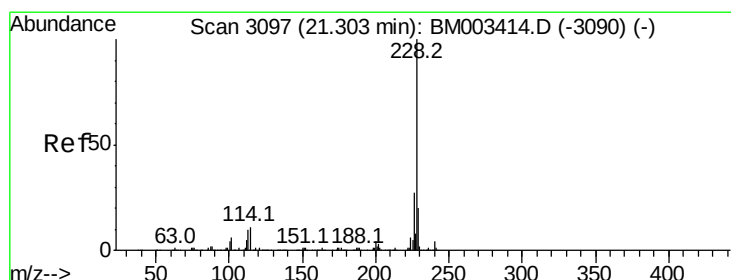
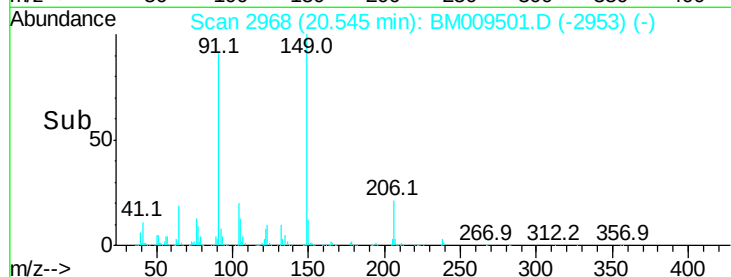
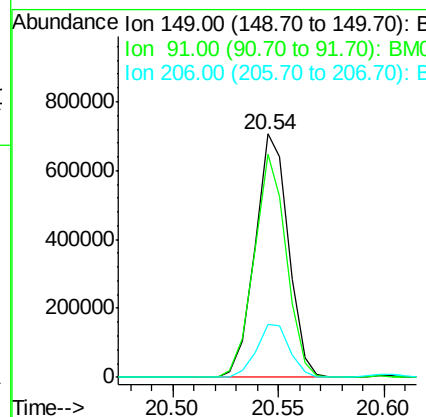
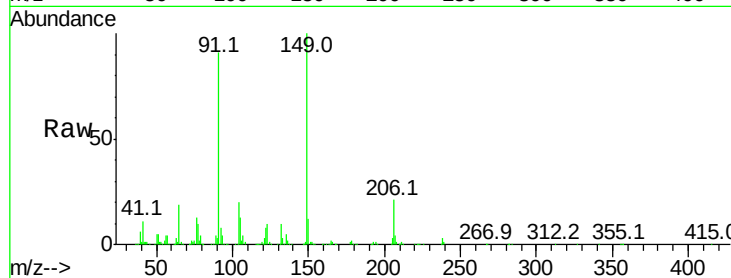
#79
Butylbenzylphthalate
Concen: 44.29 ng
RT: 20.54 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Instrument :
BNA_M
ClientSampleId :
PB97981BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	775879		
91	91.5	50.1	75.1#	
206	21.5	16.2	24.2	

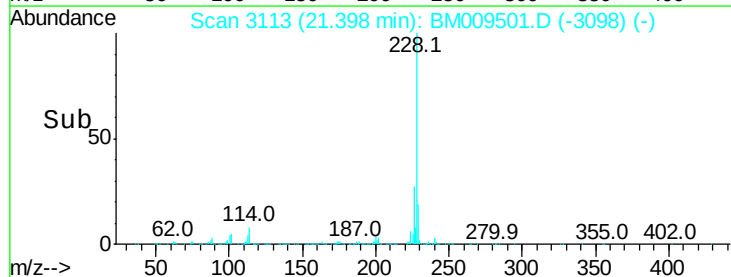
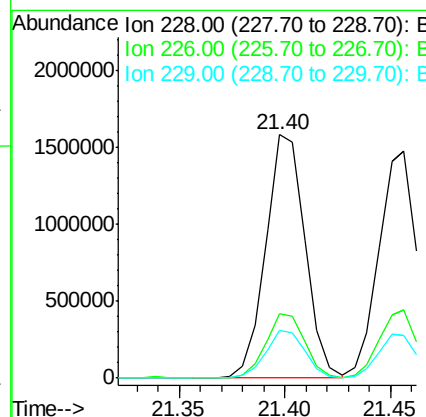
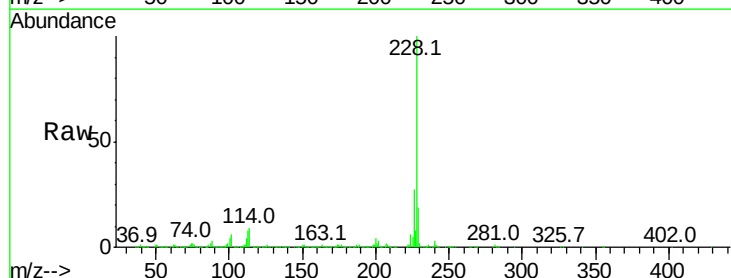
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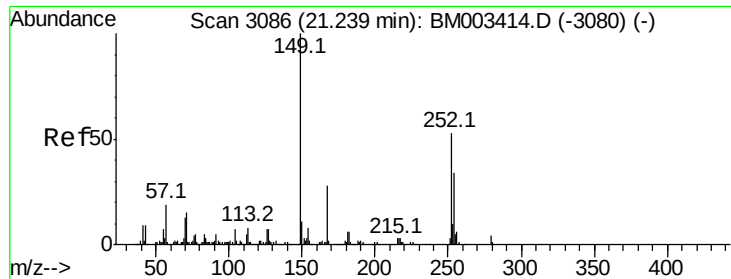
mohammad
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#80
Benzo(a)anthracene
Concen: 41.00 ng
RT: 21.40 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2054201		
226	26.7	21.7	32.5	
229	19.4	16.0	24.0	





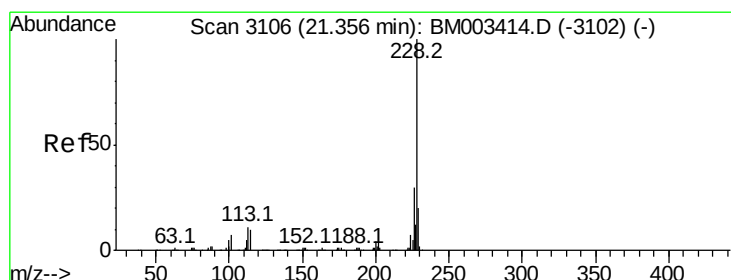
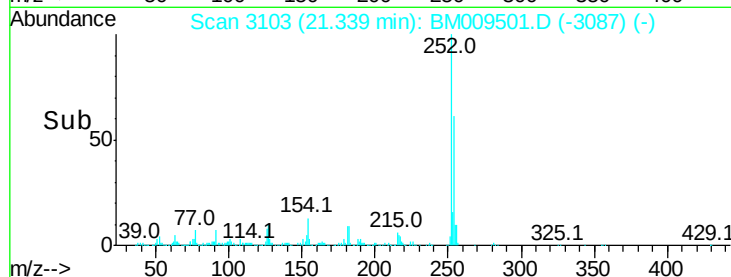
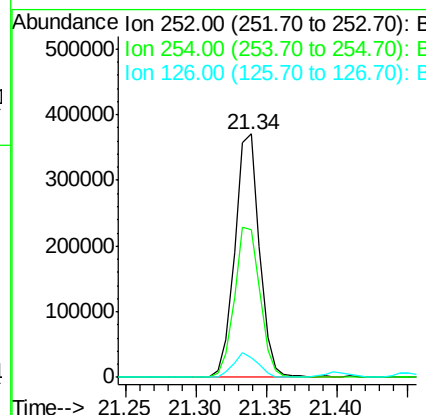
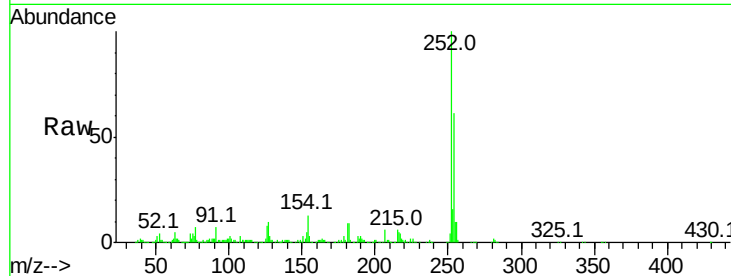
#81
 3,3'-Dichlorobenzidine
 Concen: 24.05 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	451227		
254	60.6	51.9	77.9	
126	8.0	9.8	14.8	

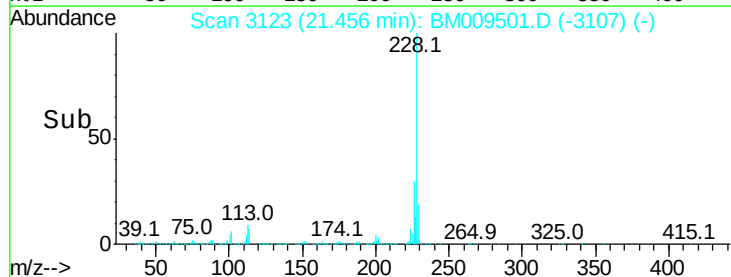
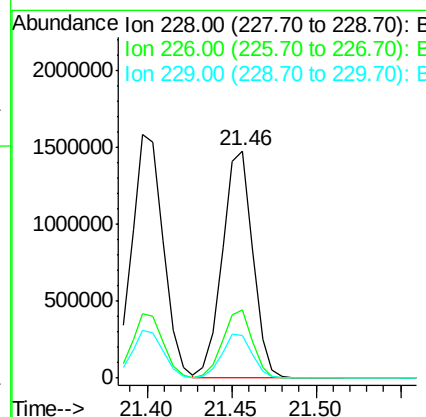
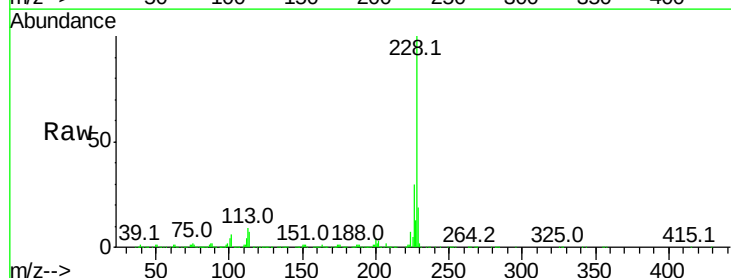
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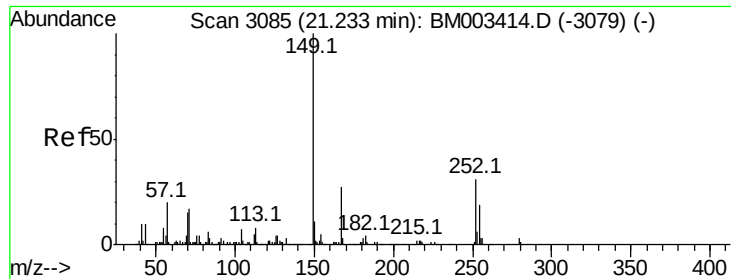
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#82
 Chrysene
 Concen: 38.65 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1848933		
226	29.8	24.1	36.1	
229	18.8	15.5	23.3	





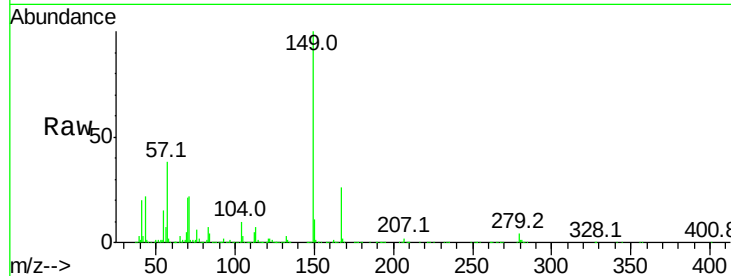
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.13 ng
 RT: 21.31 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

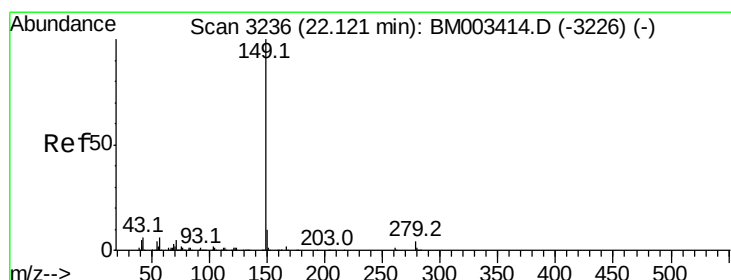
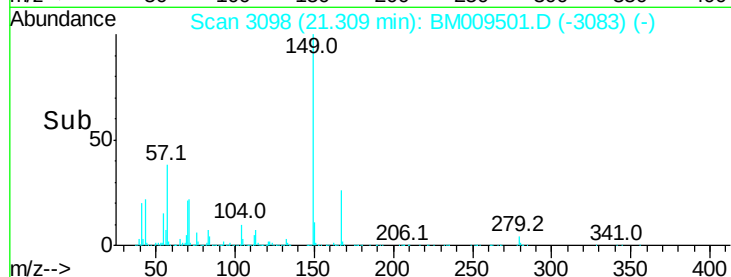
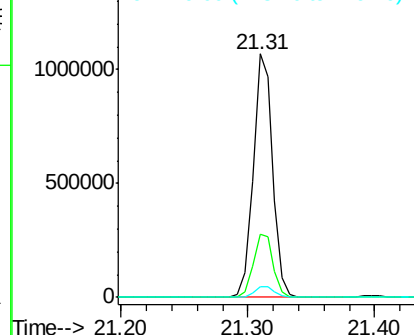
Tot Ion:149 Resp: 1127572
 Ion Ratio Lower Upper
 149 100
 167 25.9 22.4 33.6
 279 4.2 3.4 5.0

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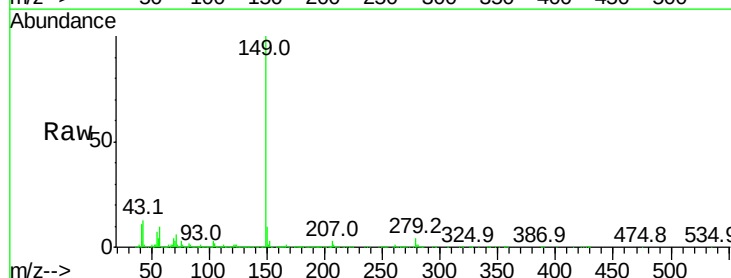


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

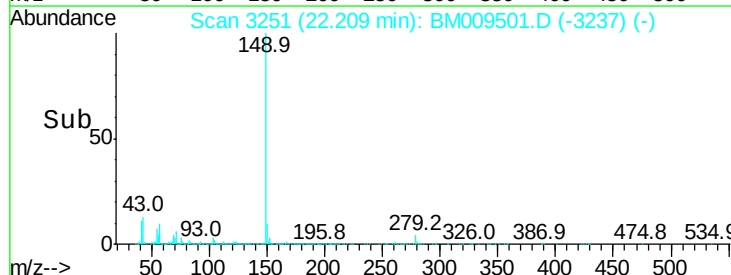
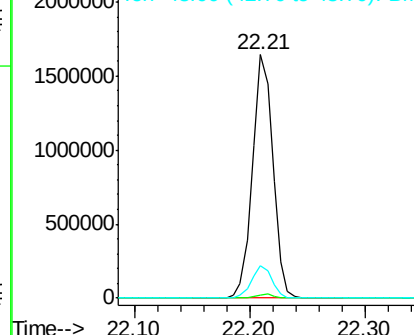


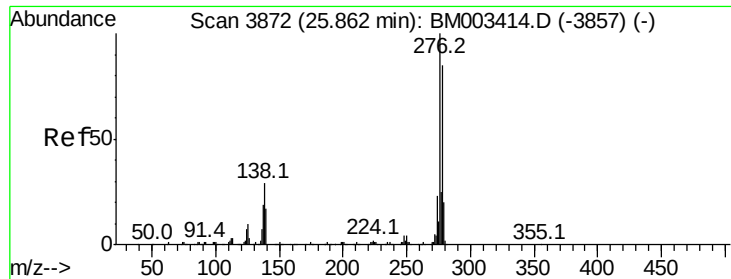
#84
 Di-n-octyl phthalate
 Concen: 46.53 ng
 RT: 22.21 min Scan# 3251
 Delta R.T. -0.02 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion:149 Resp: 2024249
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 13.3 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





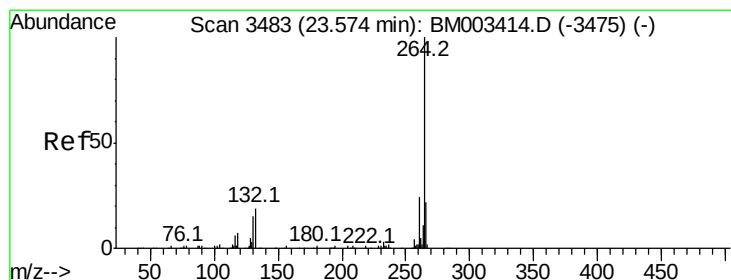
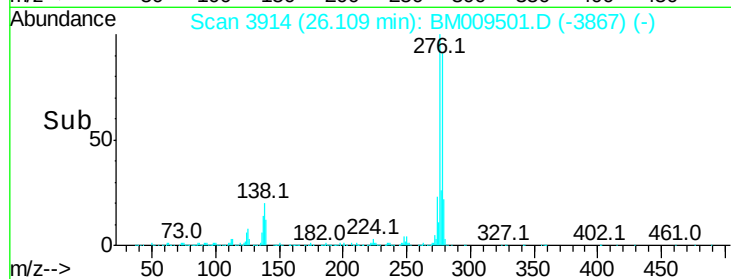
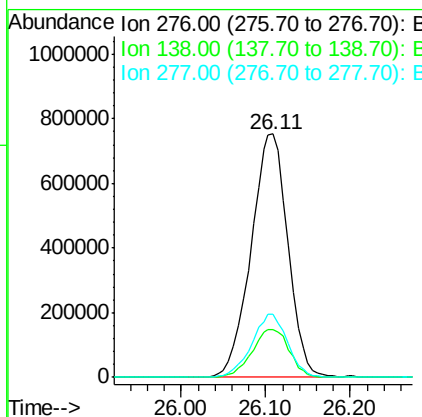
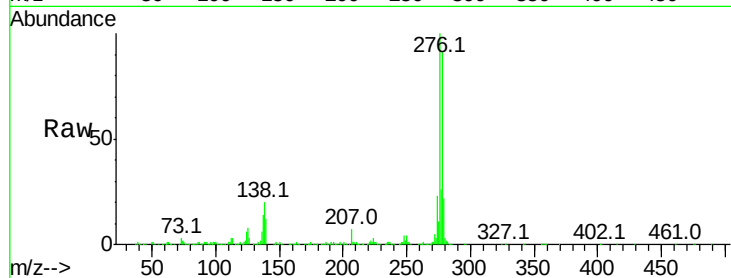
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.68 ng
 RT: 26.11 min Scan# 3914
 Delta R.T. -0.02 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Instrument :
 BNA_M
 ClientSampleID :
 PB97981BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	0.0	0.0#
277	25.3	0.0	0.0#

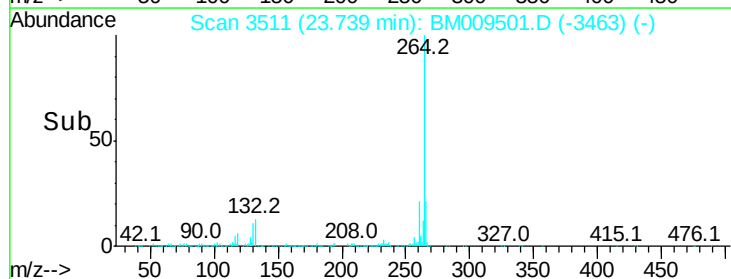
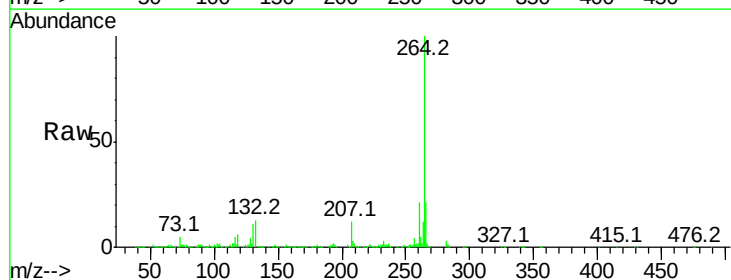
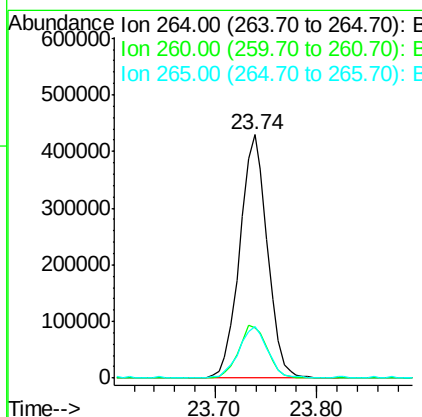
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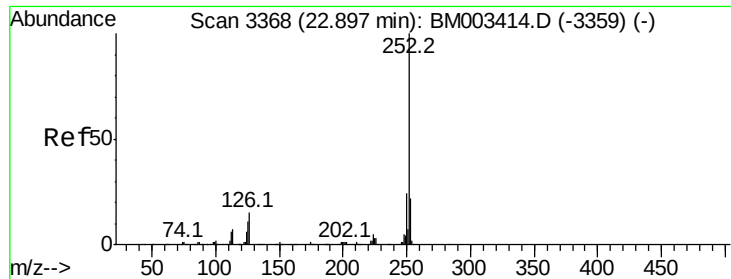
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.74 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.8	18.6	27.8
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 40.70 ng

RT: 23.03 min Scan# 3391

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

Tot Ion:252 Resp: 2087913

Ion Ratio Lower Upper

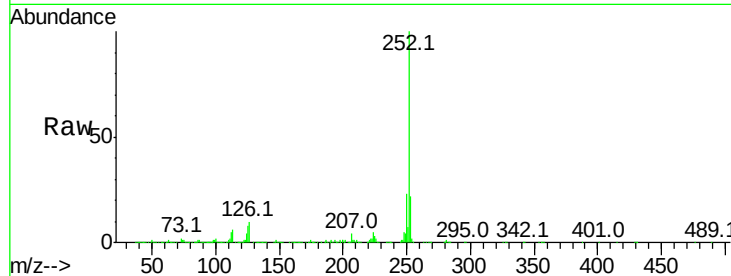
252 100

253 22.4 18.0 27.0

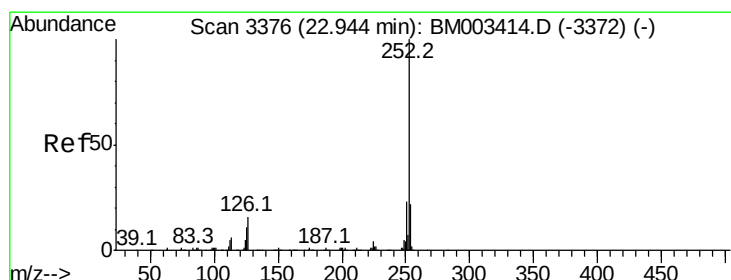
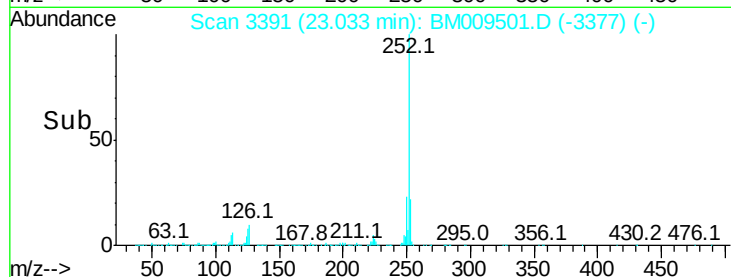
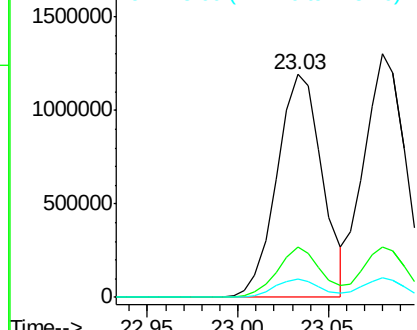
125 8.3 9.9 14.9#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.95 ng

RT: 23.08 min Scan# 3399

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Tgt Ion:252 Resp: 2069561

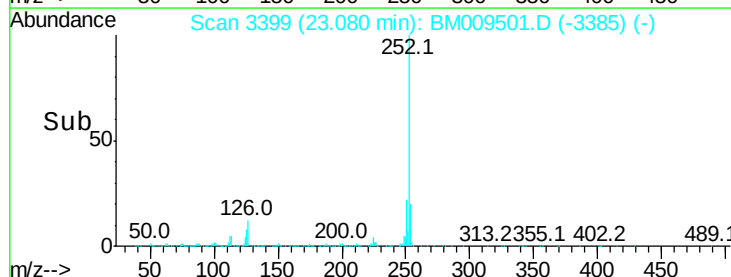
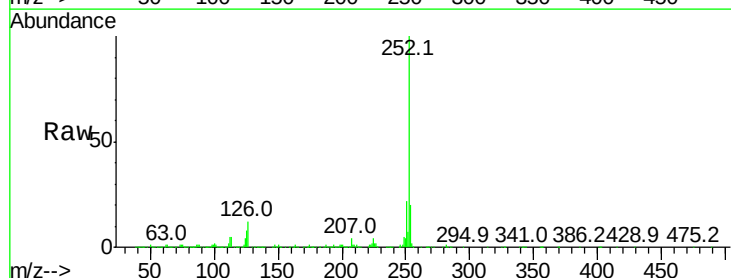
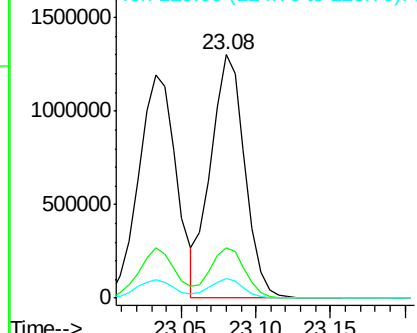
Ion Ratio Lower Upper

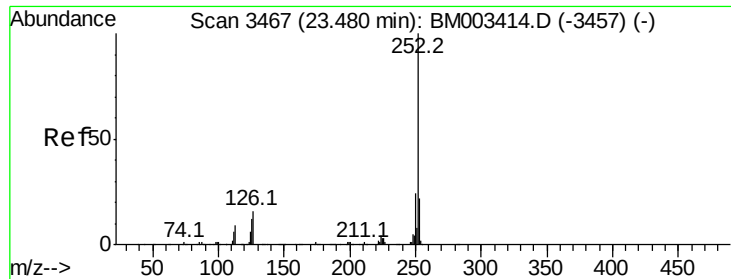
252 100

253 20.5 17.2 25.8

125 8.3 8.1 12.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





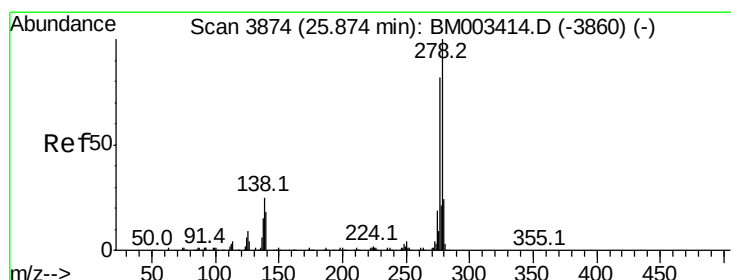
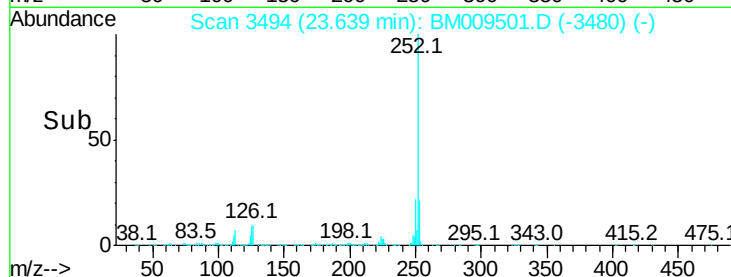
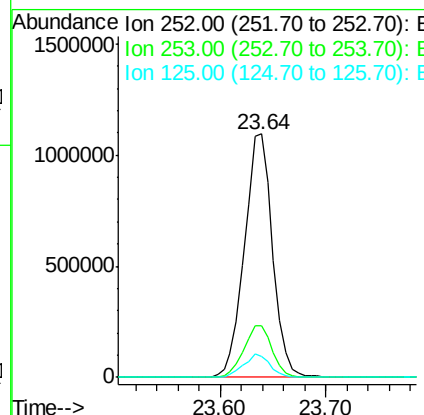
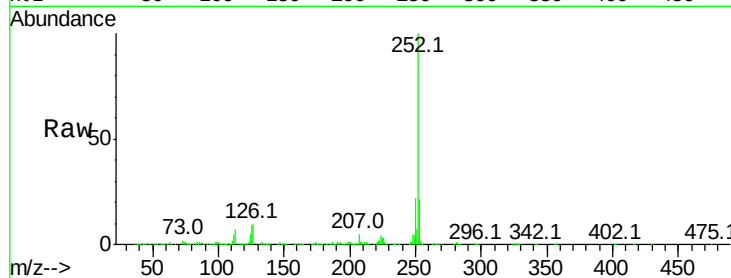
#89
Benzo(a)pyrene
Concen: 42.53 ng
RT: 23.64 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Instrument :
BNA_M
ClientSampleId :
PB97981BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.6	26.4
125	8.6	7.4	11.2

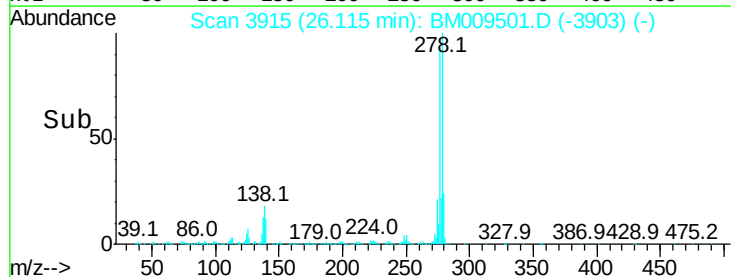
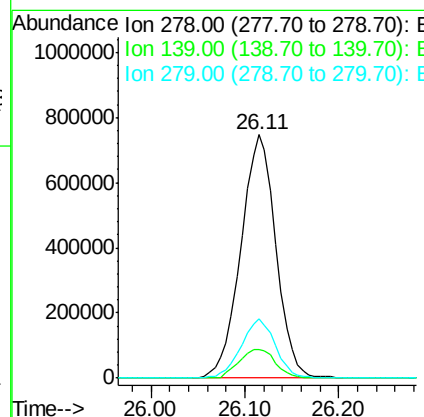
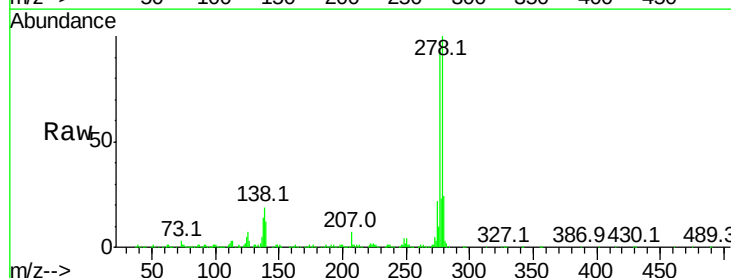
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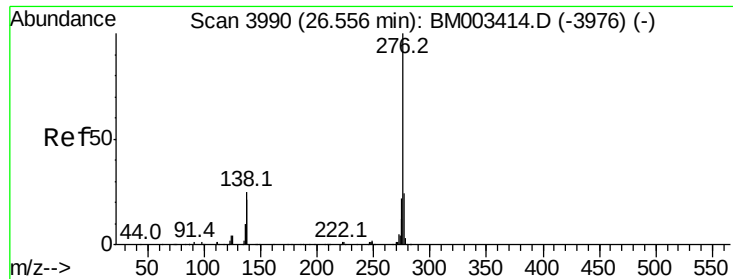
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 41.30 ng
RT: 26.11 min Scan# 3915
Delta R.T. -0.03 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.6	13.4	20.0#
279	24.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.94 ng
 RT: 26.83 min Scan# 4037
 Delta R.T. -0.03 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.5	27.7
138	17.0	19.0	28.6

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