

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051617\
 Data File : BM010058.D
 Acq On : 16 May 2017 18:03
 Operator : SJ/MA
 Sample : PB99002BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BS

Manual Integrations
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mohammad
 5/17/2017 5:46:46 PM

Quant Time: May 17 04:26:58 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	36368	20.00	ng	-0.03
21) Naphthalene-d8	10.55	136	174355	20.00	ng	-0.04
38) Acenaphthene-d10	14.41	164	114098	20.00	ng	-0.03
63) Phenanthrene-d10	17.16	188	294495	20.00	ng	-0.04
75) Chrysene-d12	21.36	240	398893	20.00	ng	-0.03
86) Perylene-d12	23.64	264	323402	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	236551	101.79	ng	-0.02
7) Phenol-d6	6.94	99	360667	96.86	ng	-0.03
23) Nitrobenzene-d5	8.93	82	449268	94.17	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	131031	83.91	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	725931	85.08	ng	-0.04
78) Terphenyl-d14	19.79	244	1516590	80.13	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	30695	35.65	ng	# 100
3) Pyridine	3.68	79	112571	35.47	ng	# 80
4) n-Nitrosodimethylamine	3.59	42	96044	55.25	ng	# 41
6) Aniline	7.09	93	175078	36.21	ng	# 80
8) 2-Chlorophenol	7.32	128	116693	46.25	ng	# 78
9) Benzaldehyde	6.92	77	76654	27.50	ng	# 79
10) Phenol	6.96	94	184399	45.57	ng	# 93
11) bis(2-Chloroethyl)ether	7.19	93	126237	40.12	ng	# 80
12) 1,3-Dichlorobenzene	7.64	146	109816	38.99	ng	# 78
13) 1,4-Dichlorobenzene	7.79	146	113168	39.21	ng	# 90
14) 1,2-Dichlorobenzene	8.10	146	111203	39.74	ng	# 85
15) Benzyl Alcohol	8.01	79	156231	49.23	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	8.29	45	208398	41.74	ng	# 97
17) 2-Methylphenol	8.21	107	115631	43.78	ng	# 77
18) Hexachloroethane	8.82	117	55873	46.69	ng	# 93
19) n-Nitroso-di-n-propylamine	8.56	70	145663	43.11	ng	# 80
20) 3+4-Methylphenols	8.54	107	160629	44.67	ng	# 80
22) Acetophenone	8.59	105	209642	39.33	ng	# 77
24) Nitrobenzene	8.97	77	220508	43.43	ng	# 82
25) Isophorone	9.49	82	350820	42.73	ng	# 85
26) 2-Nitrophenol	9.67	139	61217	40.04	ng	# 24
27) 2,4-Dimethylphenol	9.73	122	120068	41.96	ng	# 79
28) bis(2-Chloroethoxy)methane	9.96	93	191265	38.67	ng	# 94
29) 2,4-Dichlorophenol	10.21	162	116729	41.92	ng	# 89
30) 1,2,4-Trichlorobenzene	10.41	180	121261	37.30	ng	# 99
31) Naphthalene	10.60	128	356676	37.16	ng	# 97
32) Benzoic acid	9.92	122	79673	41.62	ng	# 70
33) 4-Chloroaniline	10.73	127	88313	21.64	ng	# 74
34) Hexachlorobutadiene	10.86	225	79658	36.01	ng	# 96
35) Caprolactam	11.55	113	42317m	38.90	ng	#
36) 4-Chloro-3-methylphenol	11.86	107	156891	42.16	ng	# 77
37) 2-Methylnaphthalene	12.22	142	271700	39.54	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	145476	35.03	ng	# 100
40) Hexachlorocyclopentadiene	12.55	237	90542	83.40	ng	# 97

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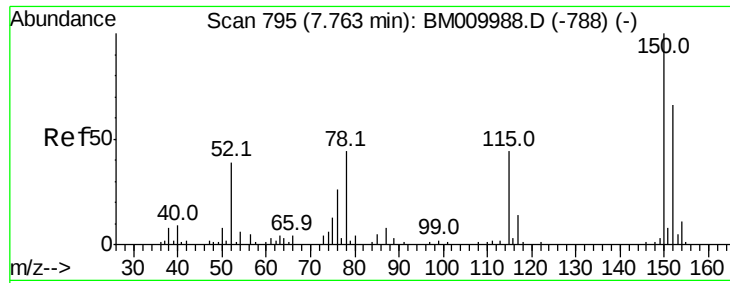
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.84	196	99665	38.98	nq	95
43) 2,4,5-Trichlorophenol	12.92	196	106370	38.30	nq	# 81
45) 1,1'-Biphenyl	13.23	154	366029	38.55	nq	96
46) 2-Chloronaphthalene	13.28	162	293251	39.30	nq	# 92
47) 2-Nitroaniline	13.51	65	167362	49.54	nq	# 57
48) Acenaphthylene	14.13	152	478906	40.76	nq	98
49) Dimethylphthalate	13.87	163	397059	39.48	nq	98
50) 2,6-Dinitrotoluene	14.00	165	85262	41.83	nq	# 14
51) Acenaphthene	14.47	154	299615	40.46	nq	98
52) 3-Nitroaniline	14.35	138	73383	33.90	nq	# 42
53) 2,4-Dinitrophenol	14.56	184	88037	73.43	nq	# 64
54) Dibenzofuran	14.81	168	495855	43.71	nq	# 88
55) 4-Nitrophenol	14.67	139	126716	87.43	nq	# 1
56) 2,4-Dinitrotoluene	14.80	165	130442	43.26	nq	# 43
57) Fluorene	15.46	166	416253	41.62	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.05	232	103597	43.18	nq	# 100
59) Diethylphthalate	15.23	149	439907	41.66	nq	97
60) 4-Chlorophenyl-phenylether	15.45	204	213079	39.01	nq	96
61) 4-Nitroaniline	15.52	138	94272	42.75	nq	# 1
62) Azobenzene	15.75	77	715931	55.88	nq	73
64) 4,6-Dinitro-2-methylphenol	15.57	198	70256	37.80	nq	# 71
65) n-Nitrosodiphenylamine	15.67	169	358773	39.26	nq	95
66) 4-Bromophenyl-phenylether	16.35	248	130946	37.44	nq	# 85
67) Hexachlorobenzene	16.46	284	138447	35.66	nq	# 80
68) Atrazine	16.63	200	136811	40.97	nq	98
69) Pentachlorophenol	16.82	266	139131	73.81	nq	95
70) Phenanthrene	17.21	178	682752	40.39	nq	99
71) Anthracene	17.30	178	707940	41.06	nq	99
72) Carbazole	17.58	167	644119	41.85	nq	99
73) Di-n-butylphthalate	18.12	149	817880	41.79	nq	# 96
74) Fluoranthene	19.23	202	864814	39.88	nq	98
76) Benzidine	19.43	184	451567	45.28	nq	98
77) Pyrene	19.59	202	900193	37.92	nq	98
79) Butylbenzylphthalate	20.48	149	430251	43.53	nq	# 57
80) Benzo(a)anthracene	21.34	228	994901	41.51	nq	97
81) 3,3'-Dichlorobenzidine	21.27	252	301019	34.09	nq	97
82) Chrysene	21.39	228	867580	38.60	nq	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	627553	42.52	nq	93
84) Di-n-octyl phthalate	22.13	149	1105201	43.65	nq	# 76
85) Indeno(1,2,3-cd)pyrene	25.97	276	802410	42.35	nq	# 100
87) Benzo(b)fluoranthene	22.96	252	898945	41.05	nq	# 94
88) Benzo(k)fluoranthene	23.00	252	872665	41.93	nq	98
89) Benzo(a)pyrene	23.54	252	805250	41.70	nq	98
90) Dibenzo(a,h)anthracene	25.98	278	691053	40.56	nq	# 94
91) Benzo(g,h,i)perylene	26.69	276	603859	38.46	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 793

Delta R.T. -0.03 min

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Tot Ion:152 Resp: 36368

Ion Ratio Lower Upper

152 100

150 151.0 119.5 179.3

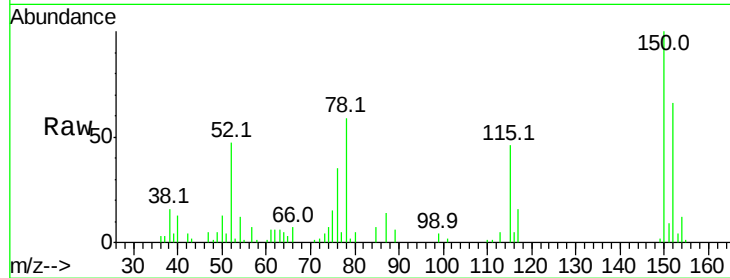
115 70.0 43.0 64.4#

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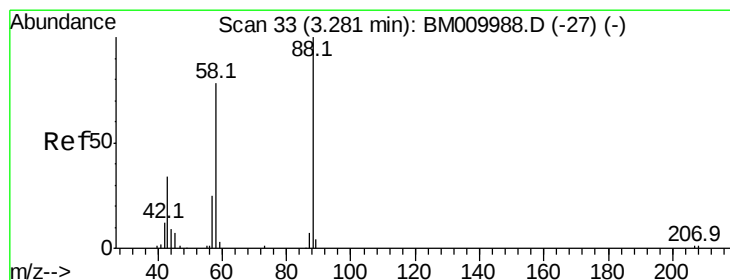
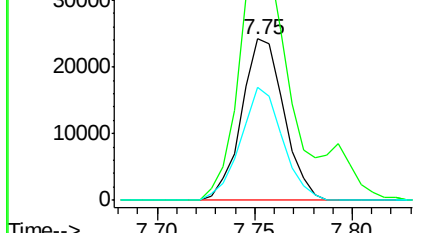
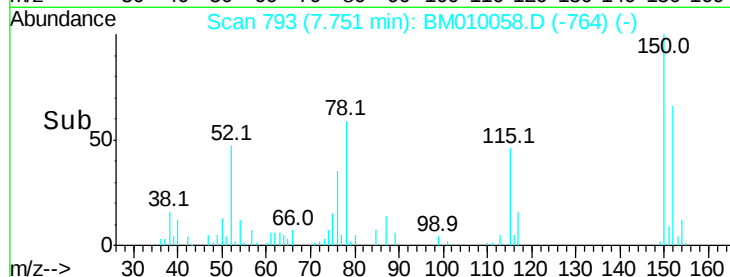
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.65 ng

RT: 3.28 min Scan# 32

Delta R.T. -0.01 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

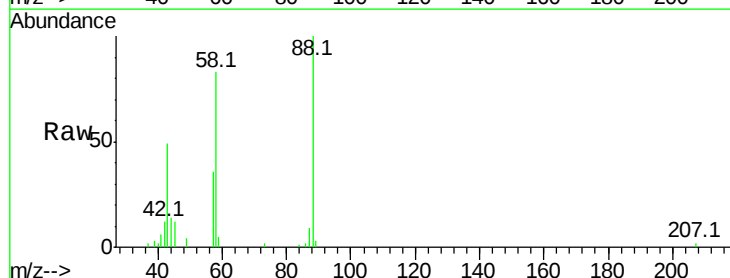
Tgt Ion: 88 Resp: 30695

Ion Ratio Lower Upper

88 100

58 88.0 0.0 0.0#

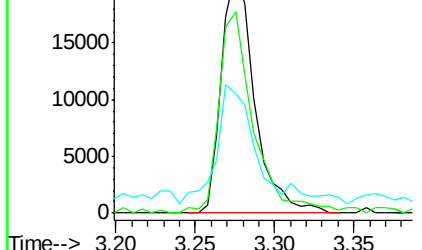
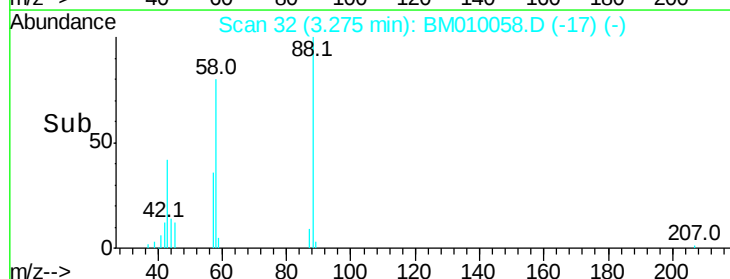
43 60.4 0.0 0.0#

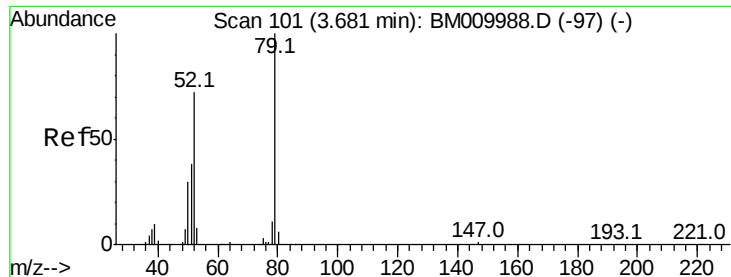


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 35.47 ng

RT: 3.68 min Scan# 100

Delta R.T. -0.02 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

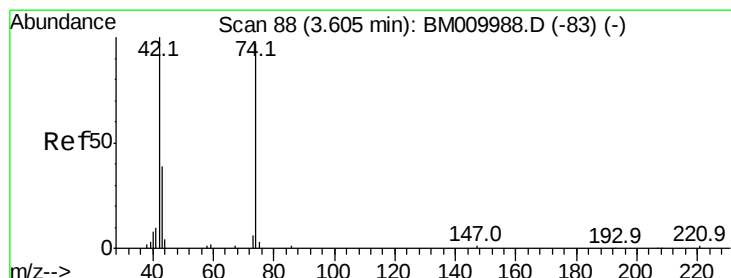
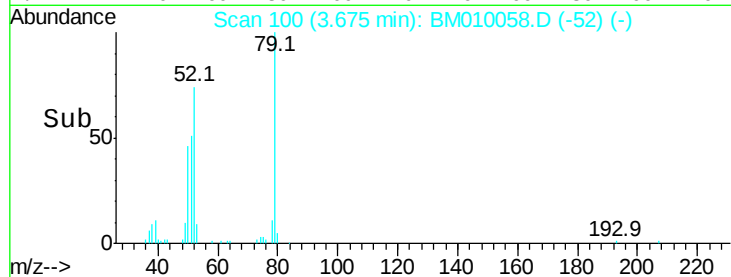
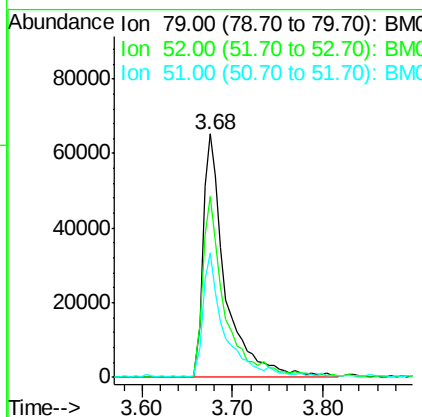
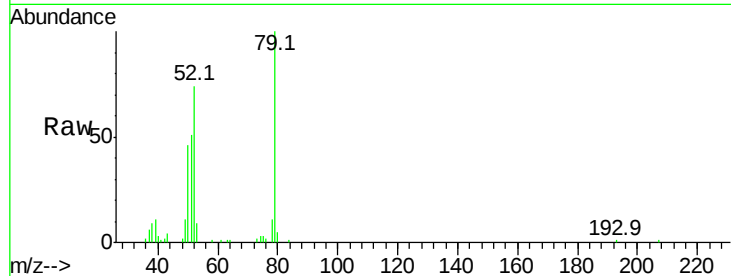
ClientSampleId :

PB99002BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		112571		
52	74.4	51.1	76.7		
51	51.1	26.1	39.1#		

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#4

n-Nitrosodimethylamine

Concen: 55.25 ng

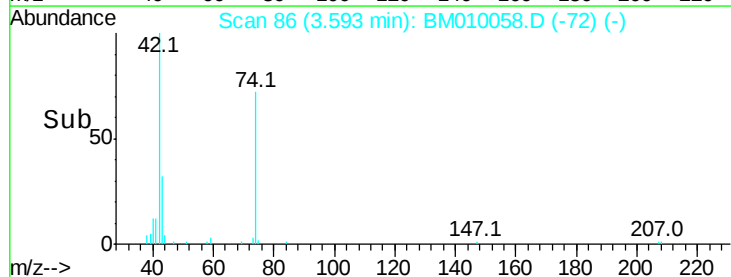
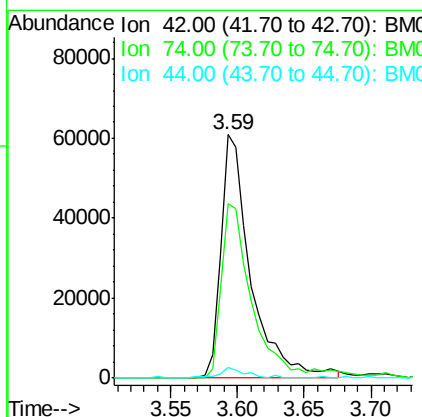
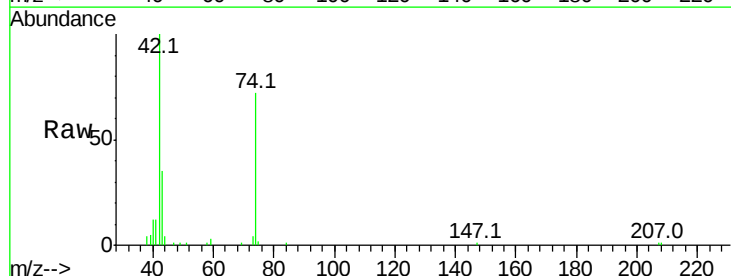
RT: 3.59 min Scan# 86

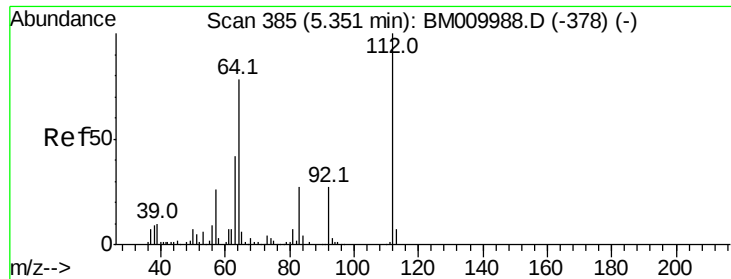
Delta R.T. -0.02 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		96044		
74	71.6	119.3	178.9#		
44	4.3	5.4	8.2#		





#5

2-Fluorophenol

Concen: 101.79 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

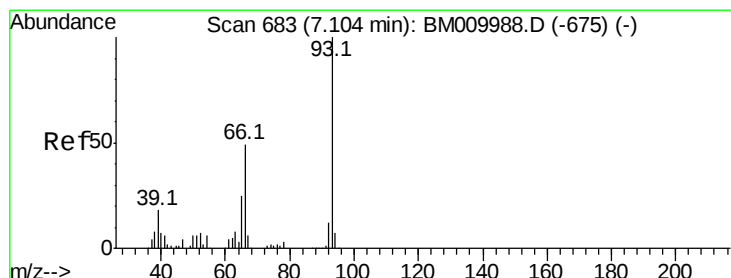
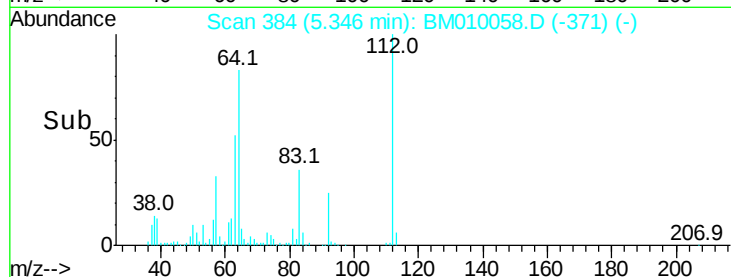
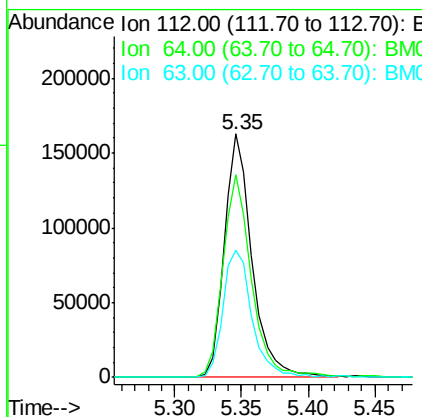
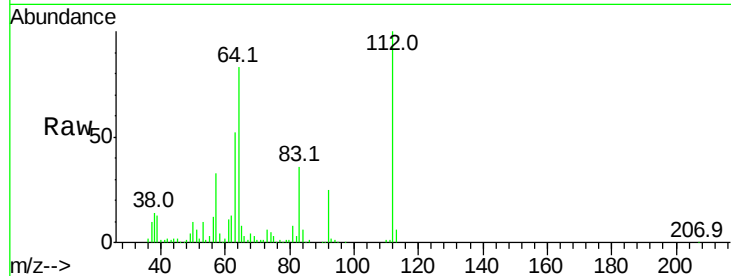
ClientSampleId :

PB99002BS

Tot Ion:	112	Resp:	236551
Ion Ratio	Lower	Upper	
112	100		
64	83.3	38.6	57.8#
63	52.4	19.3	28.9#

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#6

Aniline

Concen: 36.21 ng

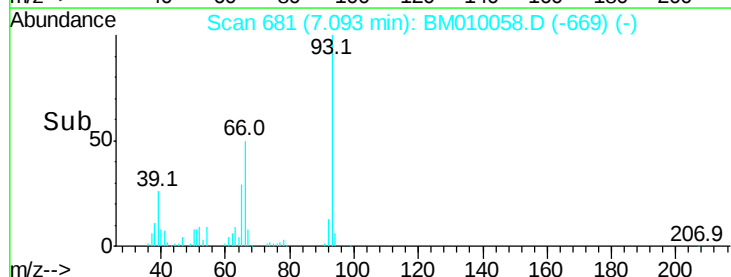
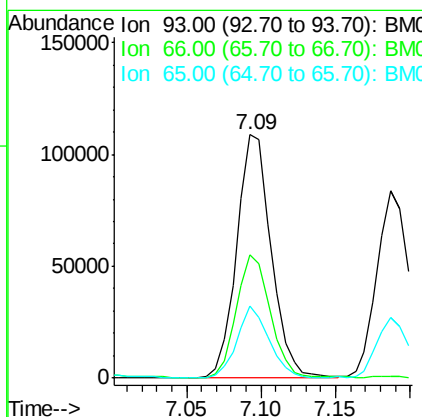
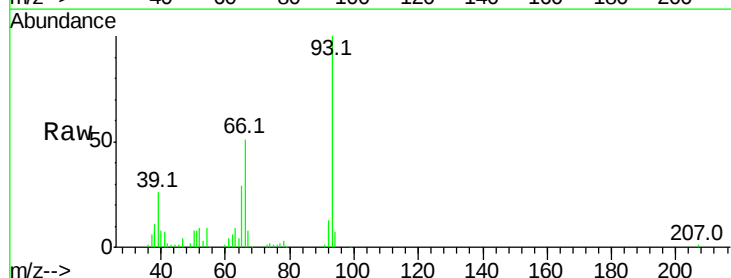
RT: 7.09 min Scan# 681

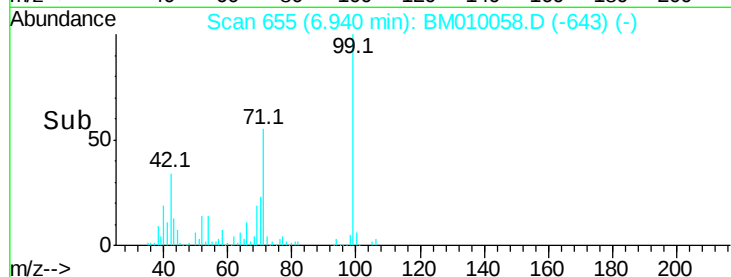
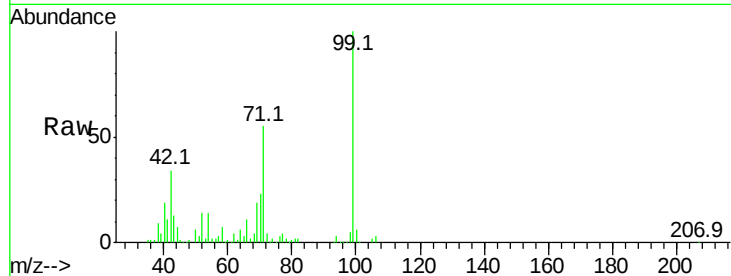
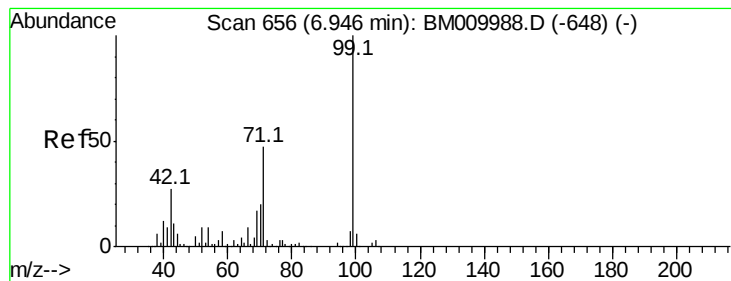
Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Tgt Ion:	93	Resp:	175078
Ion Ratio	Lower	Upper	
93	100		
66	50.7	30.8	46.2#
65	29.4	16.0	24.0#





#7

Phenol-d6

Concen: 96.86 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Tot Ion	99	Resp	360667
Ion Ratio	Lower	Upper	
99	100		
42	34.4	11.0	16.4#
71	54.8	23.4	35.2#

Instrument :

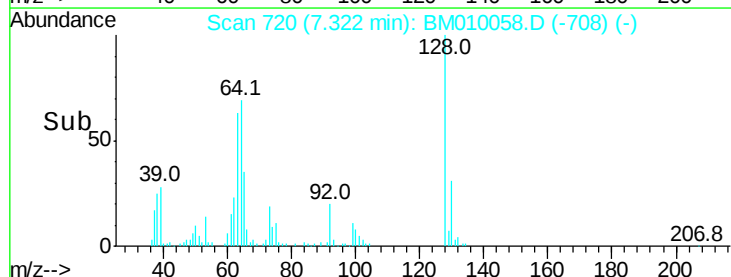
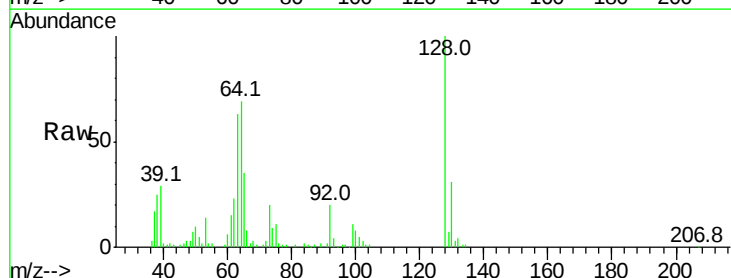
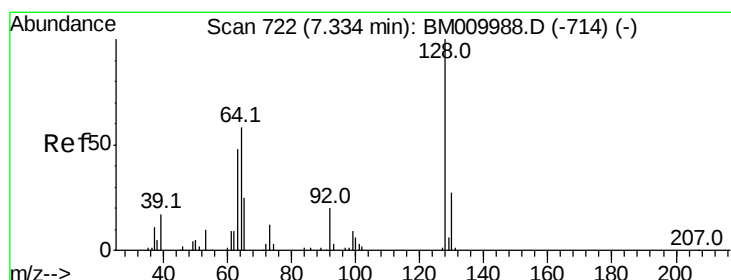
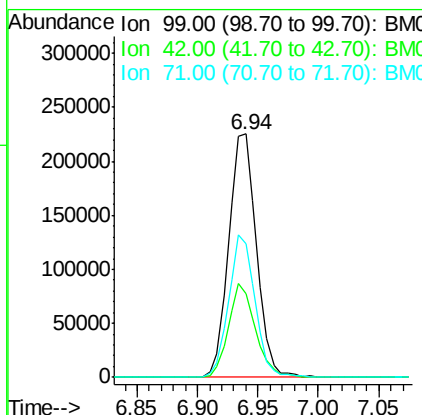
BNA_M

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#8

2-Chlorophenol

Concen: 46.25 ng

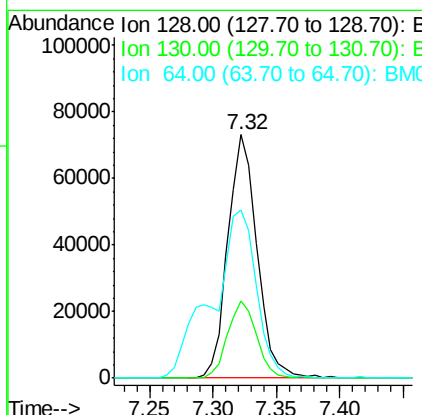
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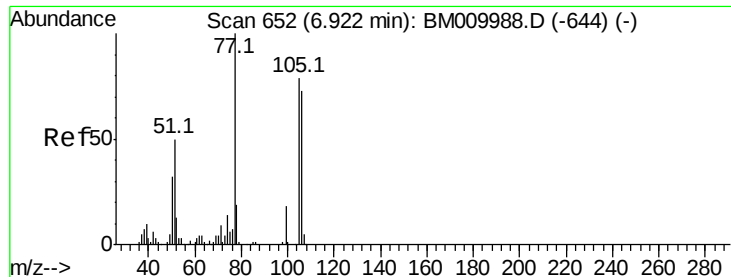
Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Tgt Ion	128	Resp	116693
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.0	52.0
64	69.1	24.9	64.9#





#9

Benzaldehyde

Concen: 27.50 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

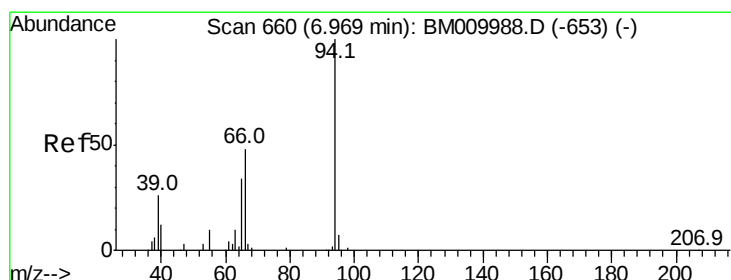
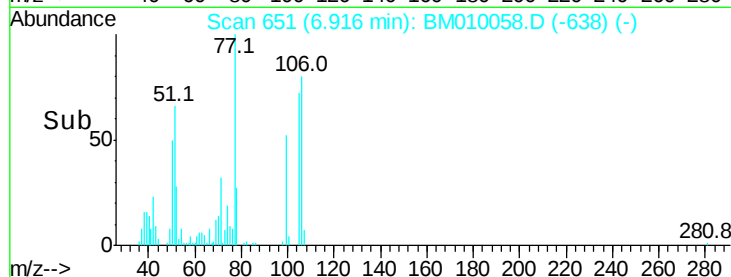
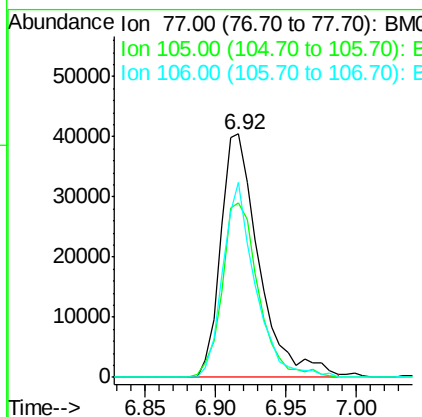
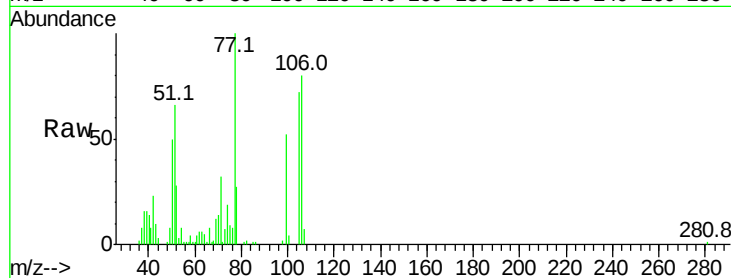
ClientSampleID :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	71.8	78.8	118.8#
106	80.3	73.7	113.7

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#10

Phenol

Concen: 45.57 ng

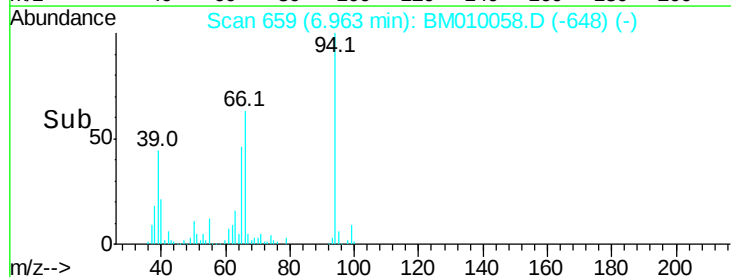
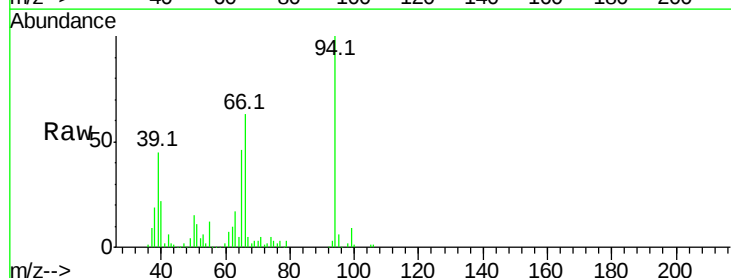
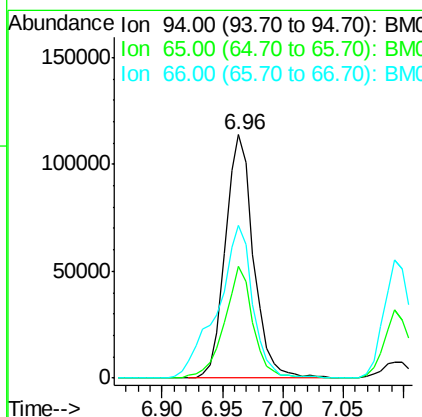
RT: 6.96 min Scan# 659

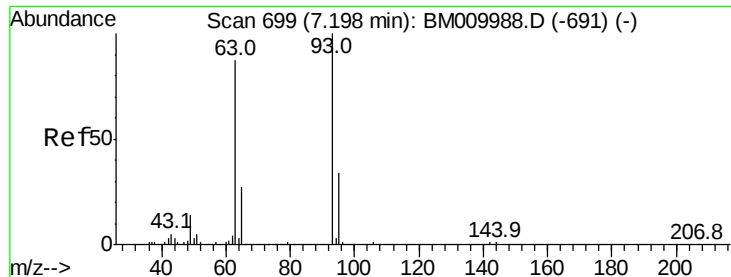
Delta R.T. -0.04 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
94	100		
65	45.9	18.8	58.8
66	62.6	39.9	79.9





#11

bis(2-Chloroethyl)ether

Concen: 40.12 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

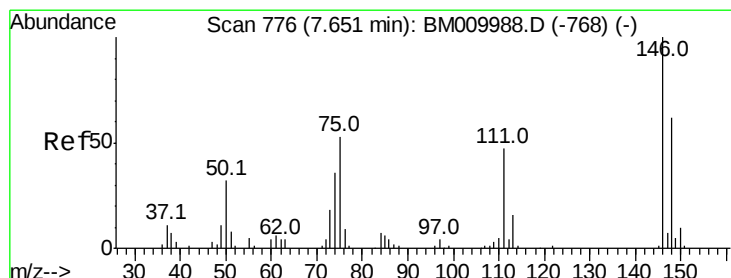
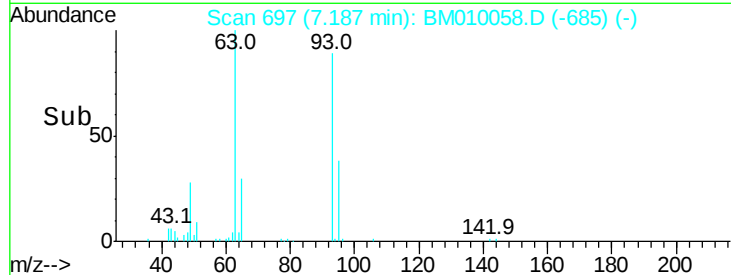
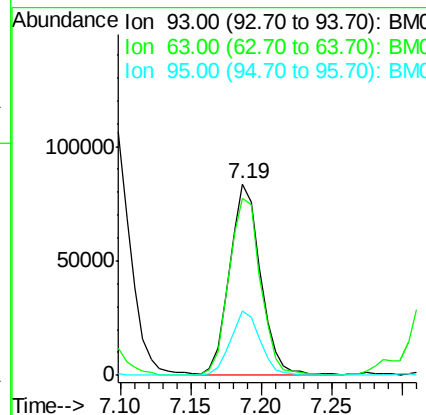
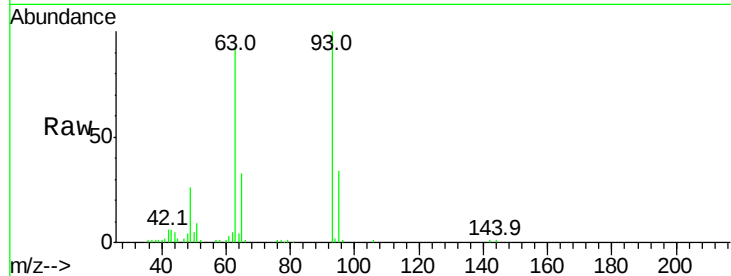
ClientSampleId :

PB99002BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.9	49.5	89.5#
95	34.0	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 38.99 ng

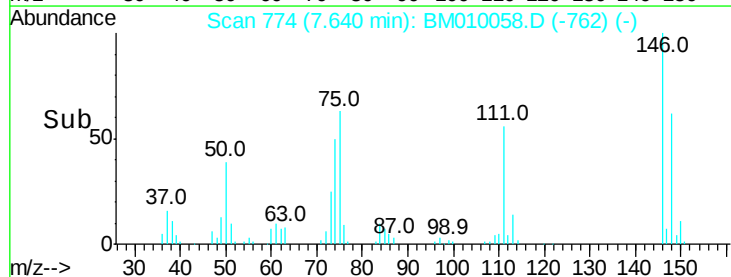
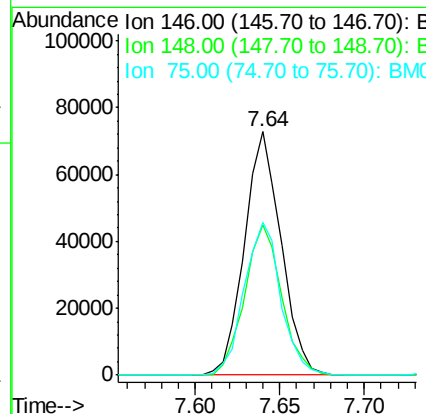
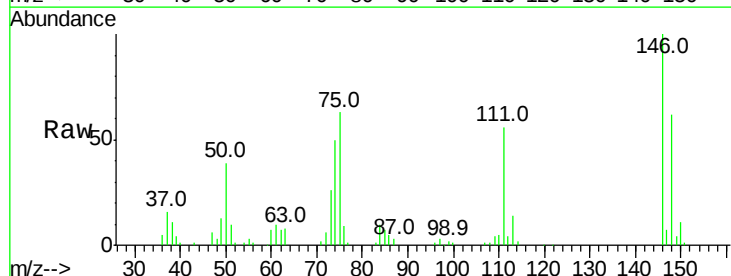
RT: 7.64 min Scan# 774

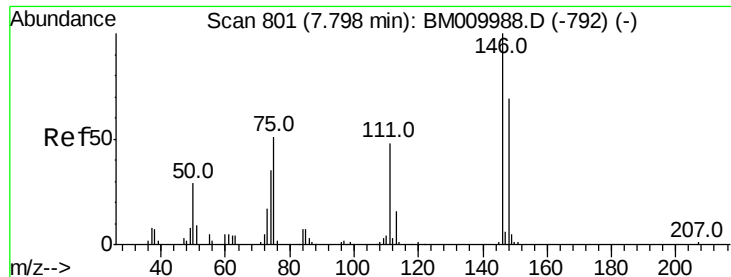
Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.9	76.3
75	62.5	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 39.21 ng

RT: 7.79 min Scan# 800

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

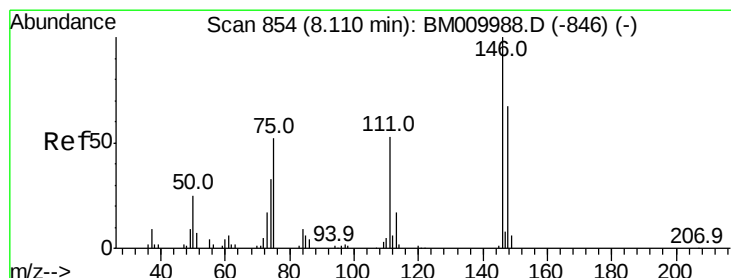
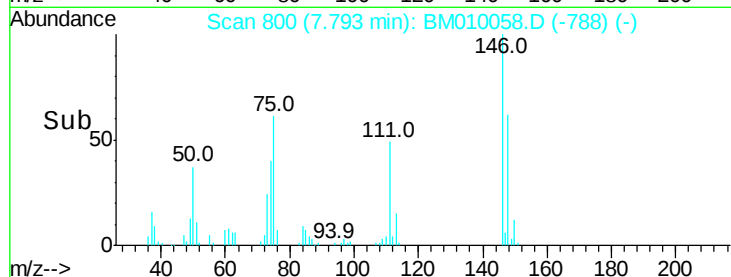
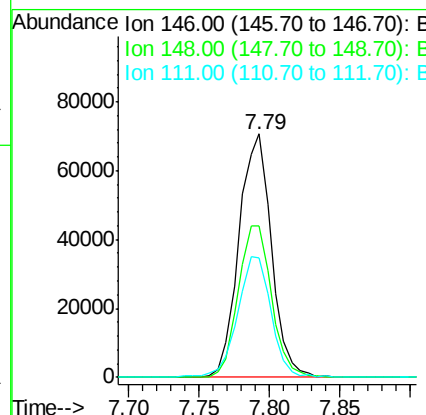
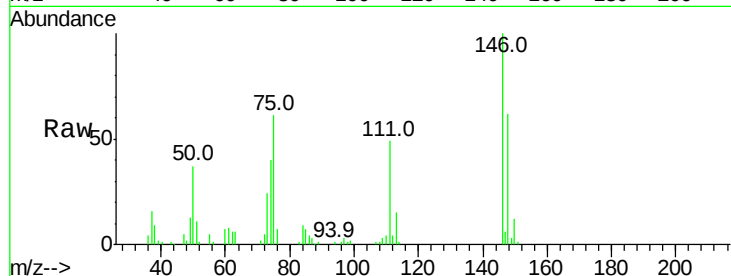
ClientSampled :

PB99002BS

Tot Ion:	146	Resp:	113168
Ion Ratio	Lower	Upper	
146	100		
148	62.3	51.9	77.9
111	49.2	29.2	43.8#

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#14

1,2-Dichlorobenzene

Concen: 39.74 ng

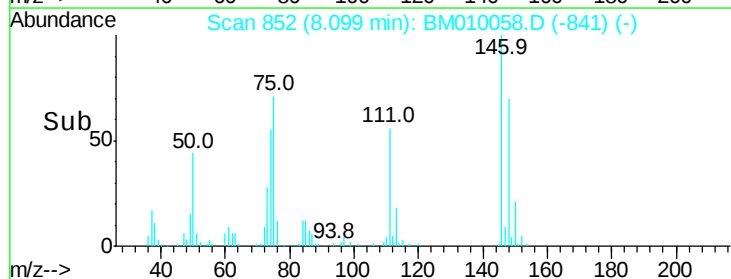
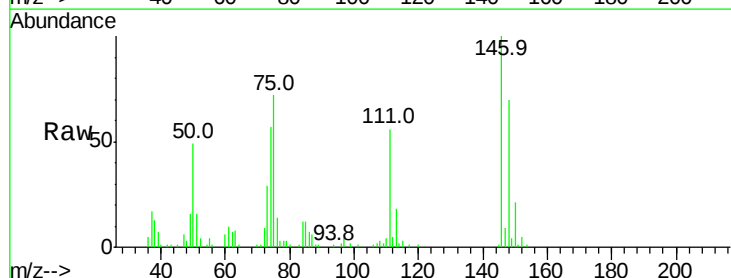
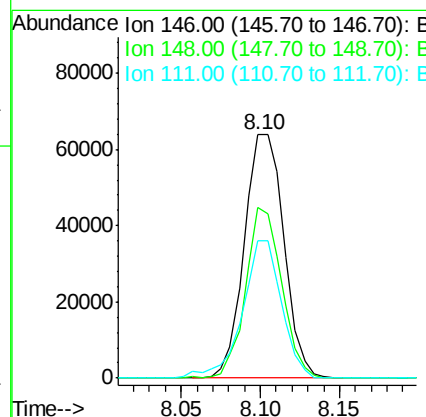
RT: 8.10 min Scan# 852

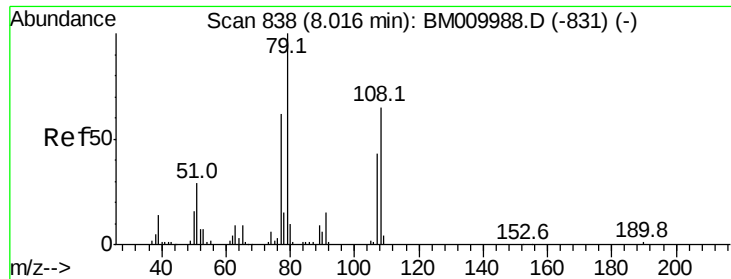
Delta R.T. -0.04 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Tgt Ion:	146	Resp:	111203
Ion Ratio	Lower	Upper	
146	100		
148	70.3	52.3	78.5
111	56.3	30.6	45.8#





#15

Benzyl Alcohol

Concen: 49.23 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.02 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

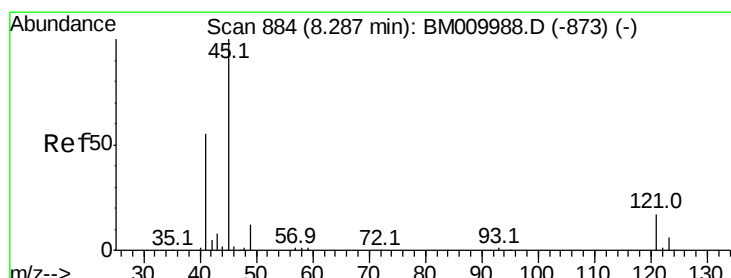
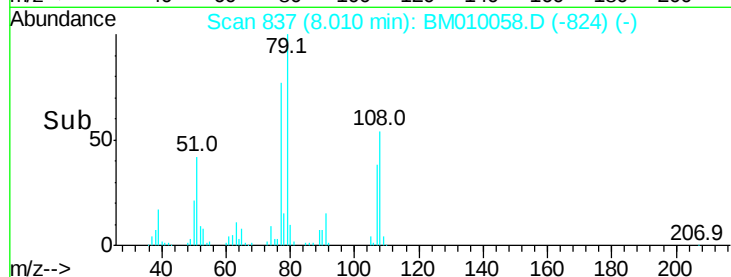
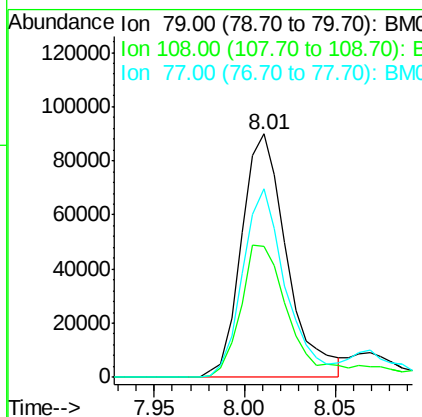
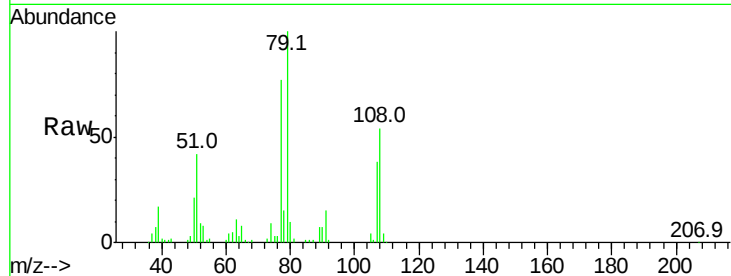
ClientSampleId :

PB99002BS

Tot Ion:	79	Resp:	156231
Ion Ratio	Lower	Upper	
79	100		
108	54.0	65.0	97.4#
77	77.5	53.0	79.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.74 ng

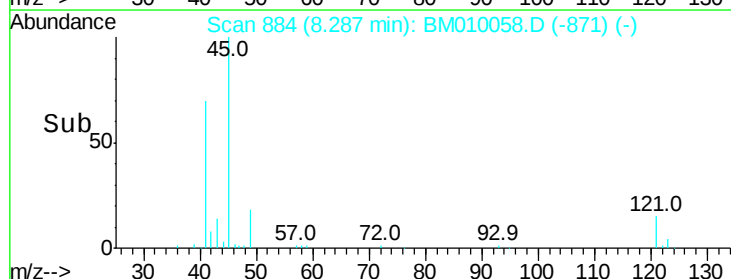
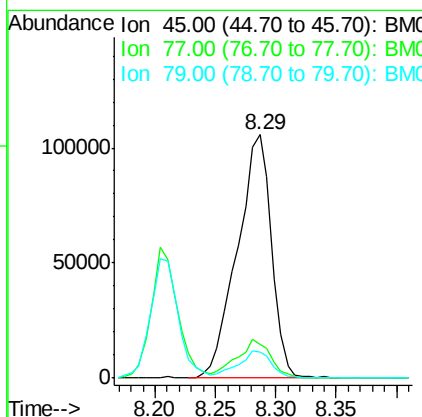
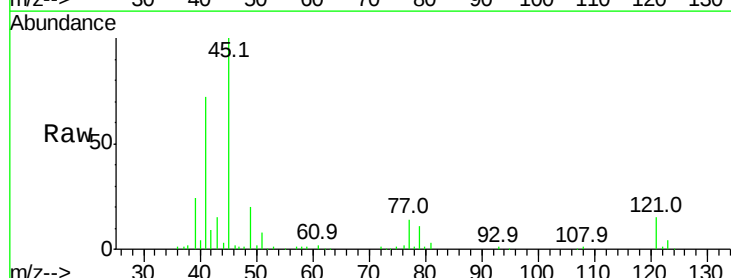
RT: 8.29 min Scan# 884

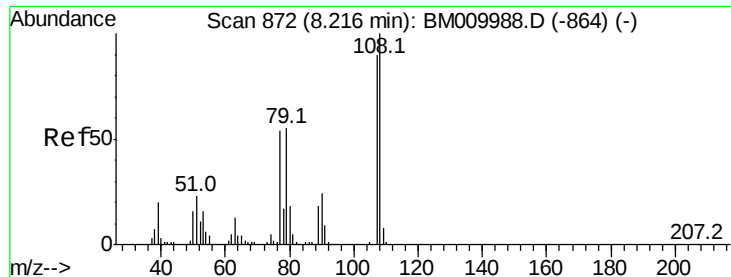
Delta R.T. -0.02 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Tgt Ion:	45	Resp:	208398
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	35.2
79	10.9	0.0	32.0





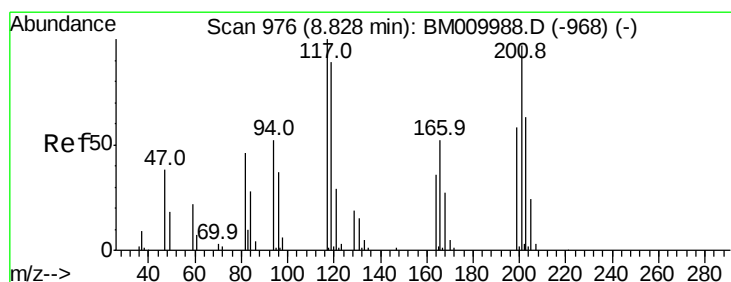
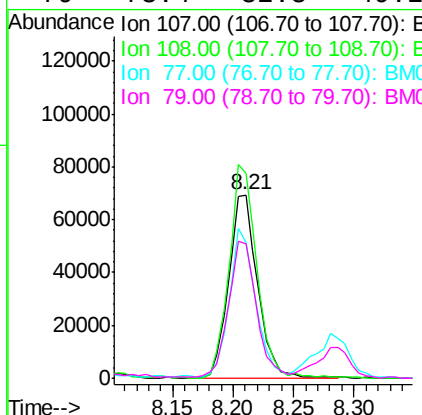
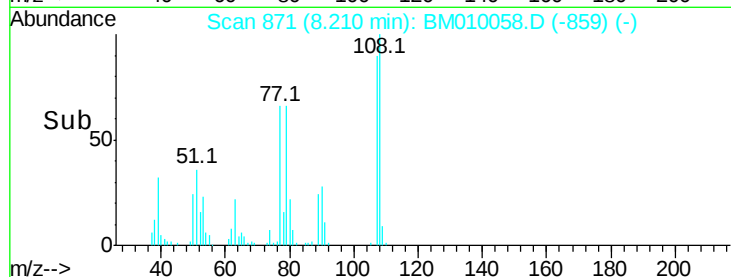
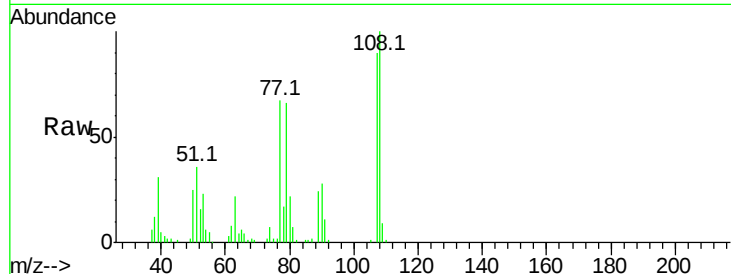
#17
2-Methylphenol
Concen: 43.78 ng
RT: 8.21 min Scan# 871
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB99002BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	89.8	134.8	
77	74.2	32.6	48.8#	
79	73.4	32.8	49.2#	

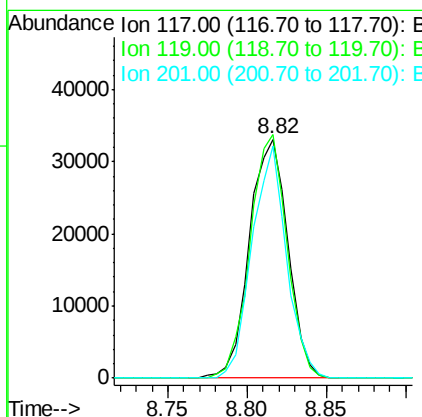
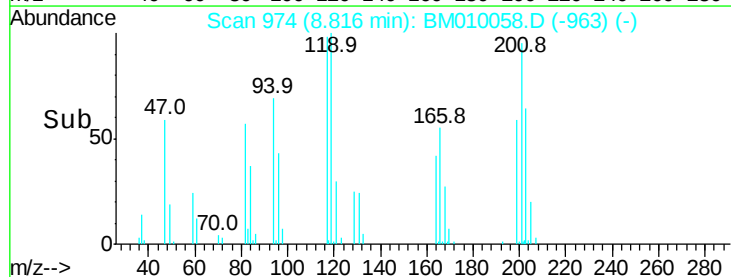
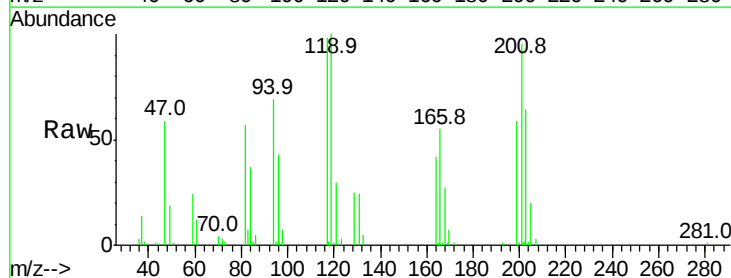
Manual Integrations
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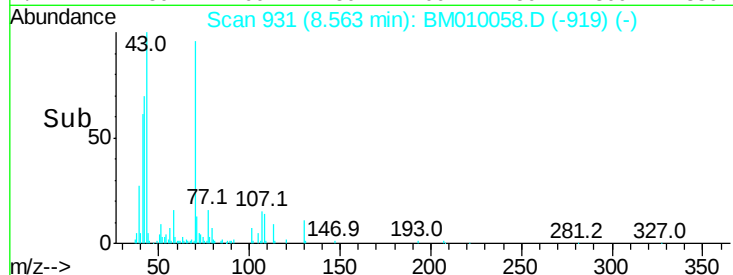
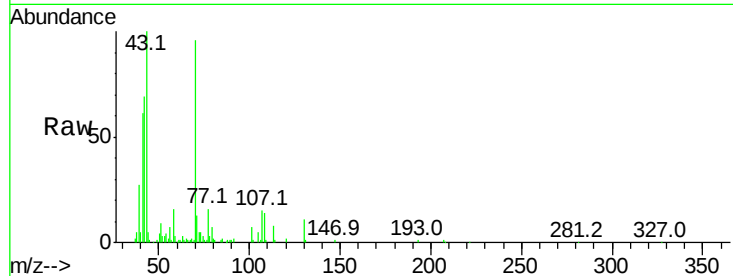
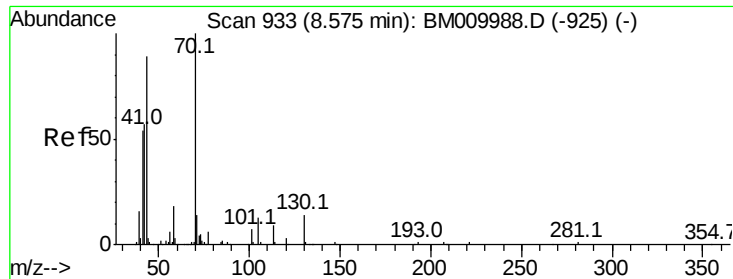
mohammad
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#18
Hexachloroethane
Concen: 46.69 ng
RT: 8.82 min Scan# 974
Delta R.T. -0.04 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	102.0	79.2	118.8	
201	98.6	69.8	104.6	





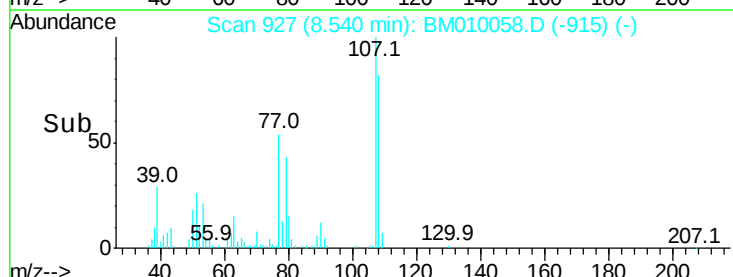
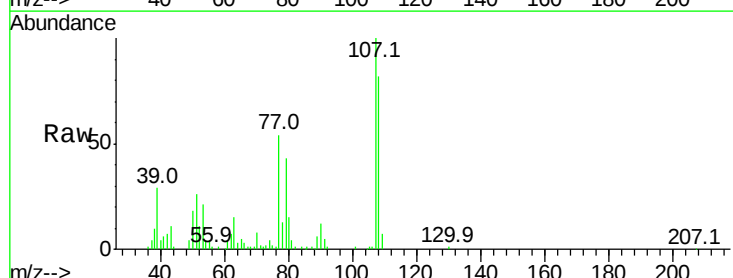
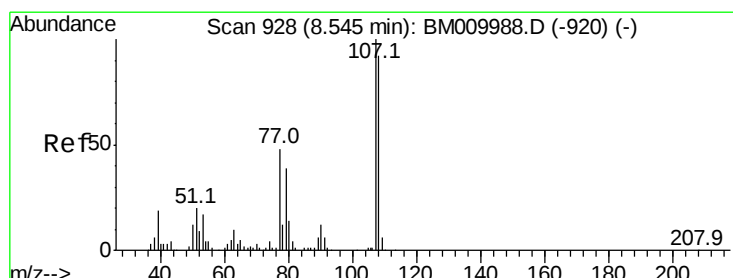
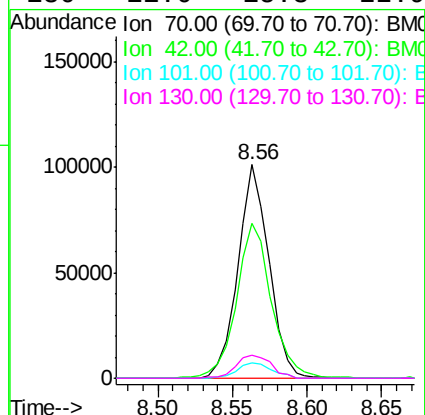
#19
n-Nitroso-di-n-propylamine
Concen: 43.11 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB99002BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.3	44.5	66.7#
101	7.2	7.4	11.2#
130	11.0	15.3	22.9#

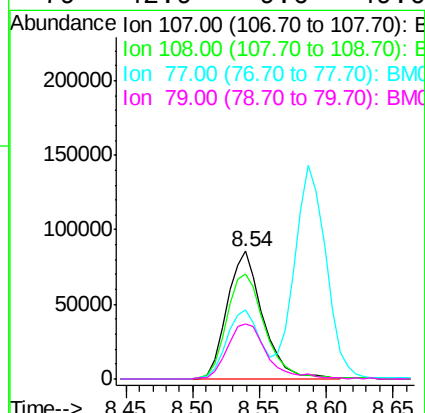
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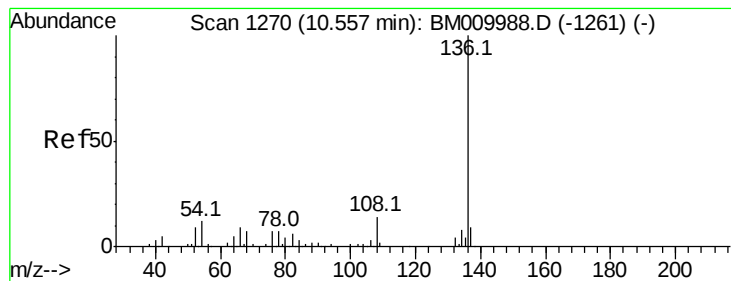
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#20
3+4-Methylphenols
Concen: 44.67 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.8	73.2	113.2
77	53.9	10.7	50.7#
79	42.9	9.6	49.6





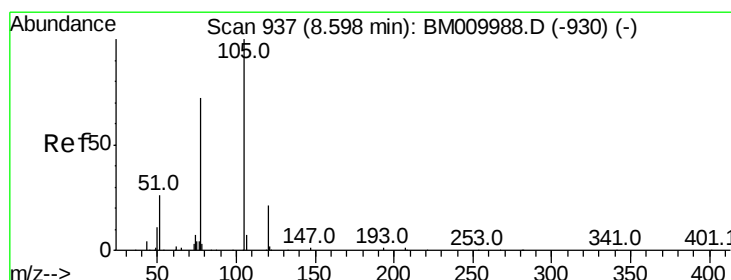
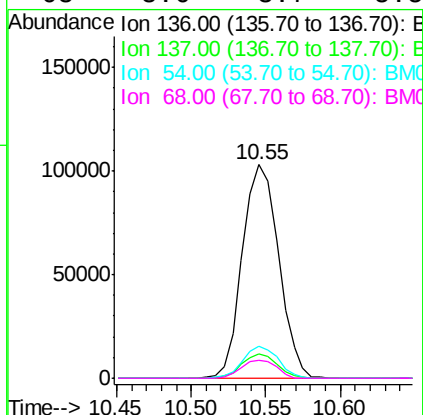
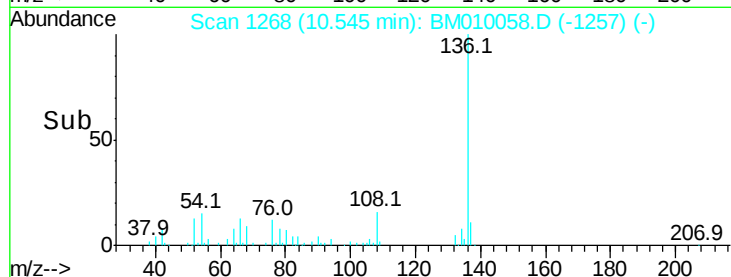
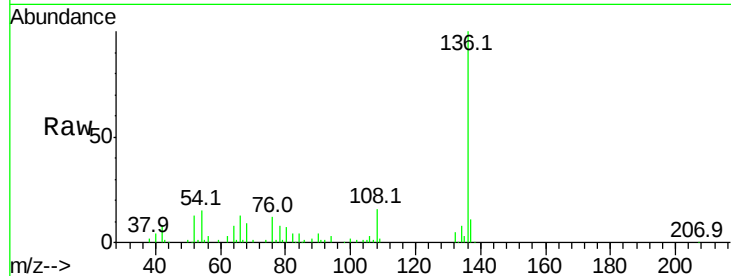
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.04 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB99002BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	174355		
137	11.2	8.7	13.1	
54	15.1	4.6	6.8#	
68	8.6	3.7	5.5#	

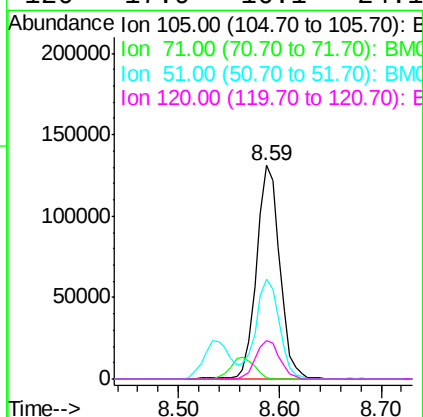
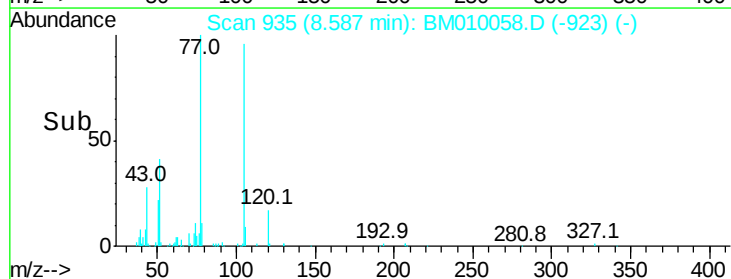
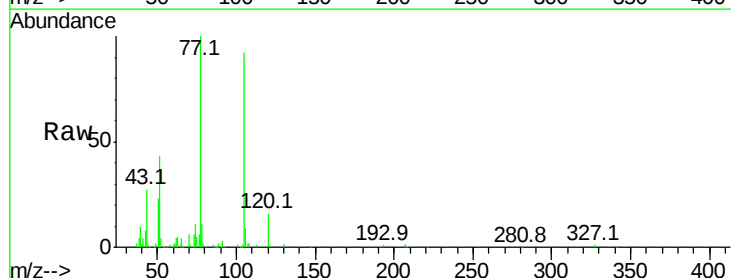
Manual Integrations
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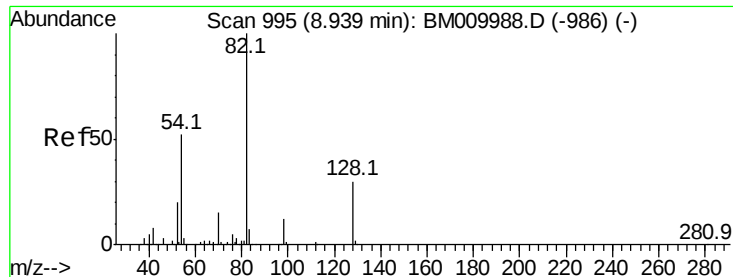
mohammad
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#22
Acetophenone
Concen: 39.33 ng
RT: 8.59 min Scan# 935
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	209642		
71	0.9	0.6	1.0	
51	46.6	21.6	32.4#	
120	17.9	16.1	24.1	





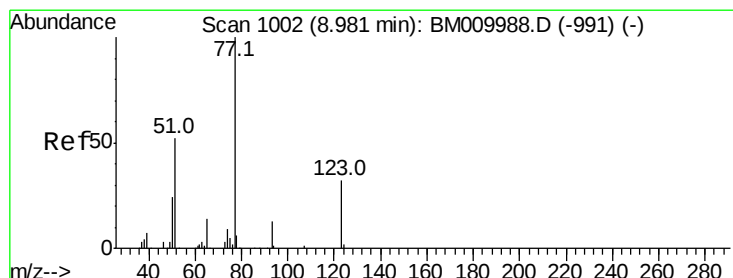
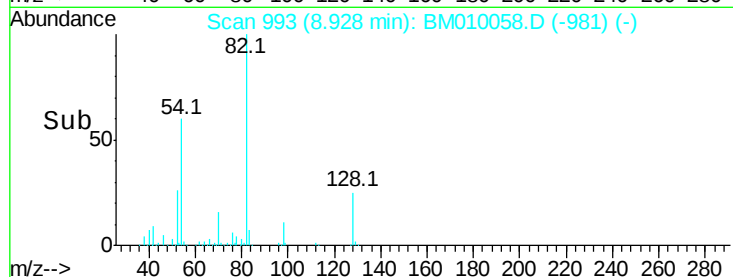
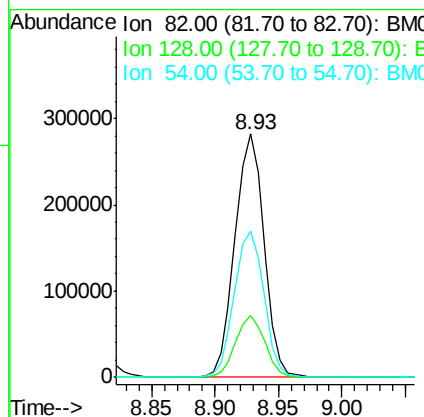
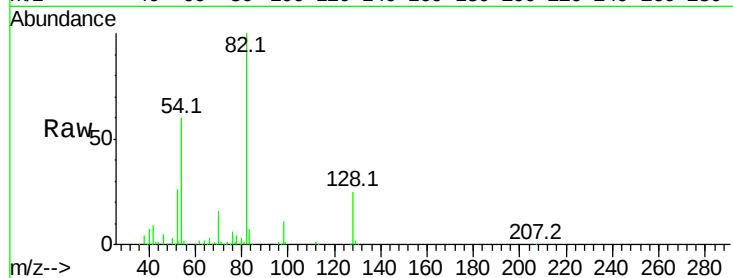
#23
Nitrobenzene-d5
Concen: 94.17 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB99002BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	25.3	32.8	49.2#	
54	60.1	40.6	60.8	

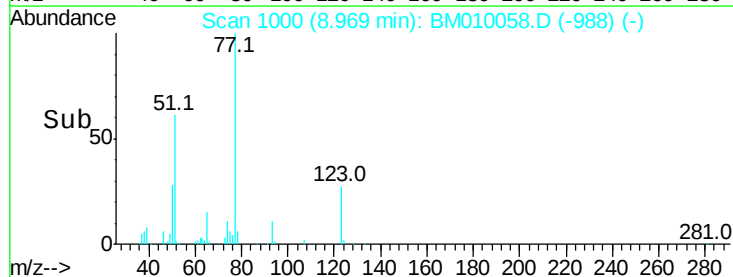
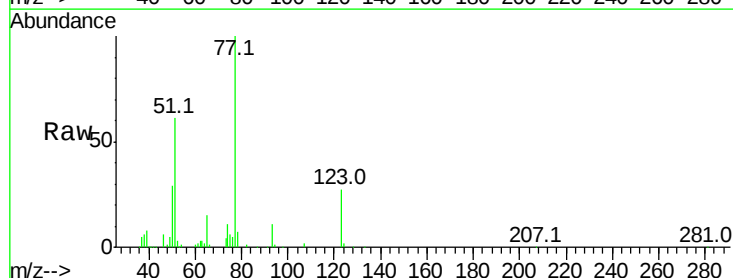
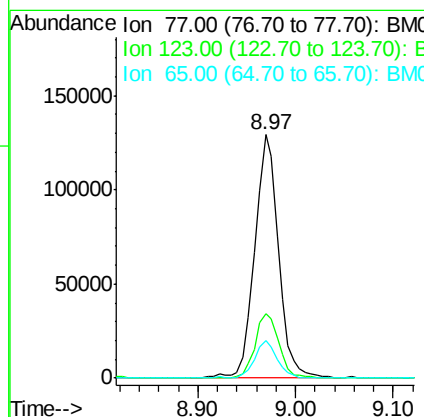
Manual Integrations
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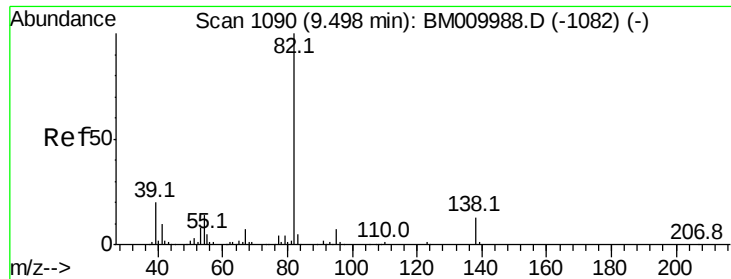
mohammad
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#24
Nitrobenzene
Concen: 43.43 ng
RT: 8.97 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	26.7	32.6	49.0#	
65	15.3	10.9	16.3	





#25

Isophorone

Concen: 42.73 ng

RT: 9.49 min Scan# 1088

Delta R.T. -0.04 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

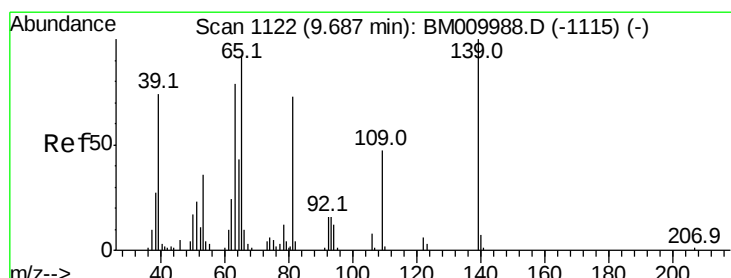
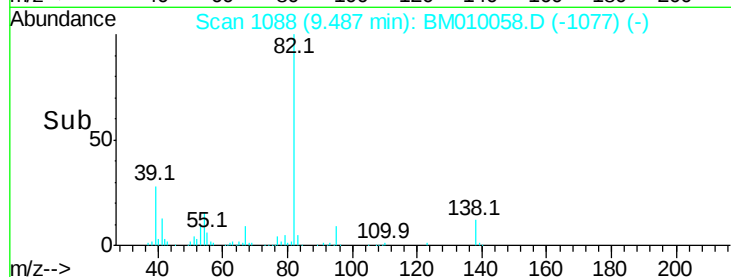
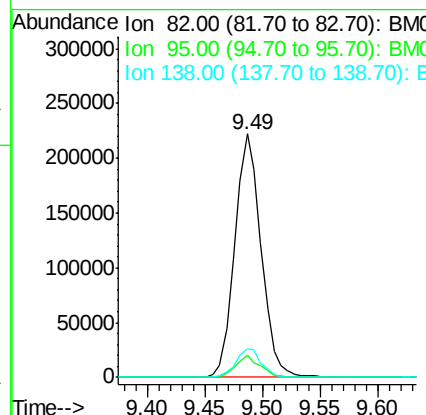
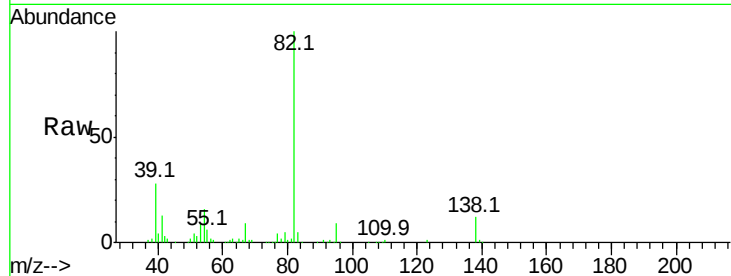
ClientSampleId :

PB99002BS

Tot Ion:	82	Resp:	350820
Ion Ratio	Lower	Upper	
82	100		
95	9.1	5.8	8.6#
138	12.0	16.3	24.5#

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#26

2-Nitrophenol

Concen: 40.04 ng

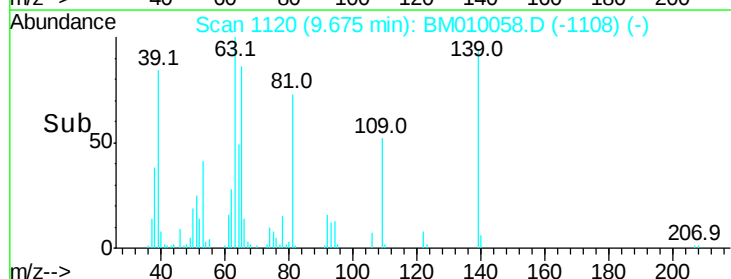
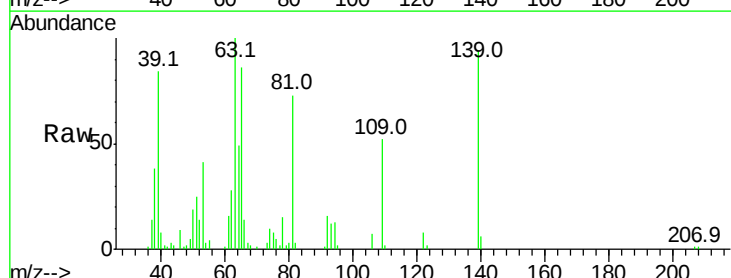
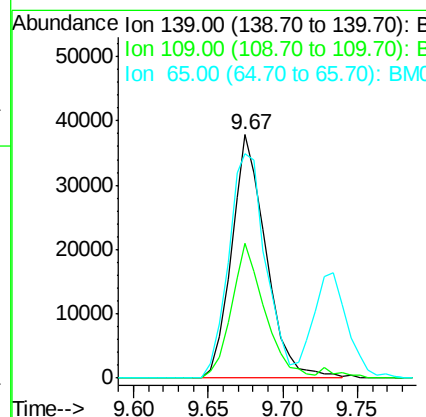
RT: 9.67 min Scan# 1120

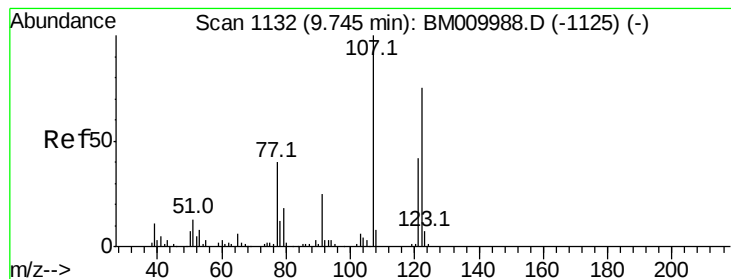
Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Tgt Ion:	139	Resp:	61217
Ion Ratio	Lower	Upper	
139	100		
109	55.3	20.1	30.1#
65	92.3	31.5	47.3#





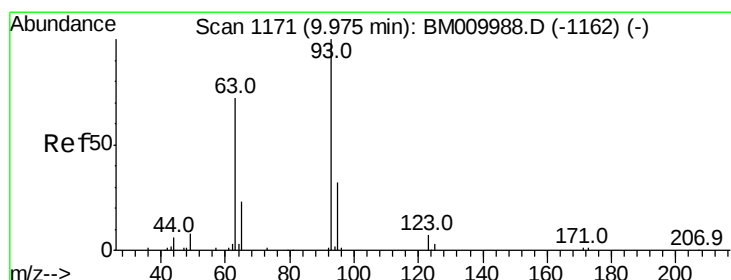
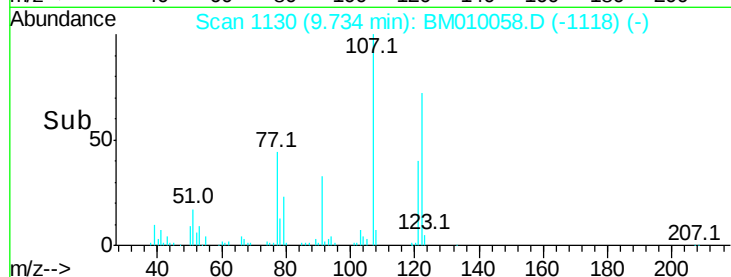
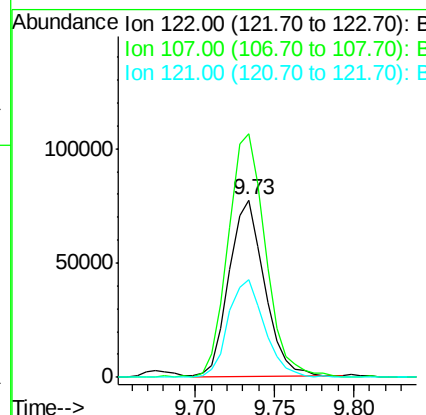
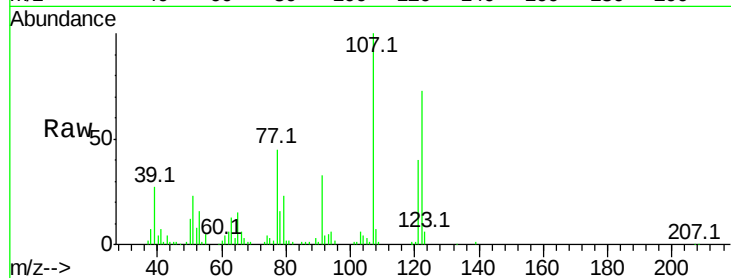
#27
2,4-Dimethylphenol
Concen: 41.96 ng
RT: 9.73 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB99002BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	120068		
107	137.5	84.7	127.1#	
121	55.1	46.6	69.8	

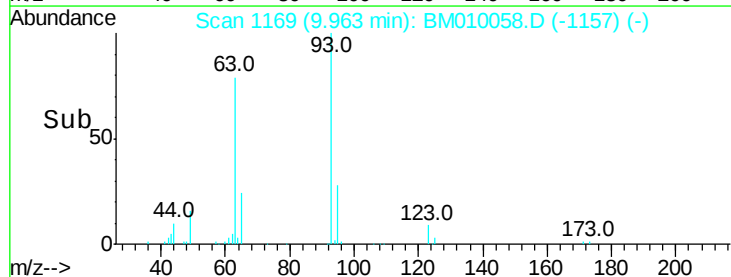
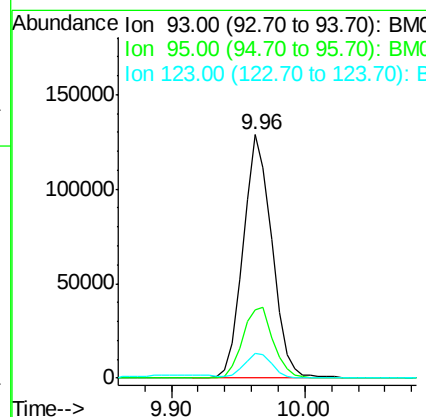
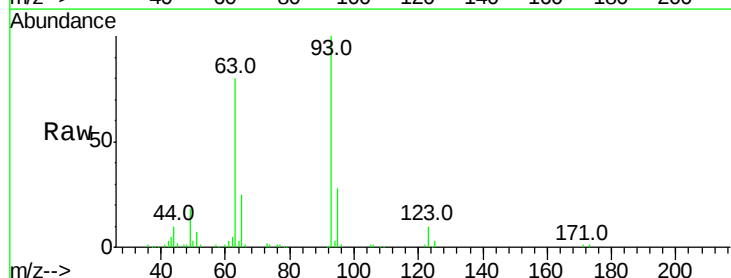
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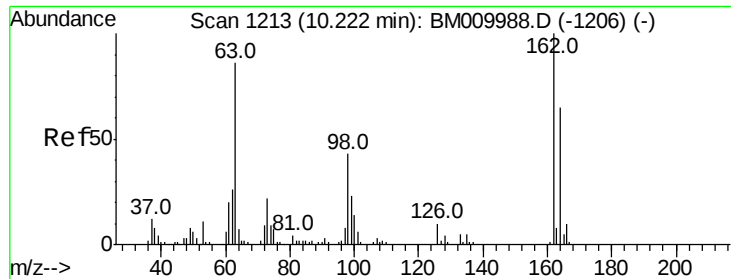
mohammad
5/17/2017 5:46:46 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.67 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	191265		
95	28.0	25.5	38.3	
123	10.0	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 41.92 ng

RT: 10.21 min Scan# 1211

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

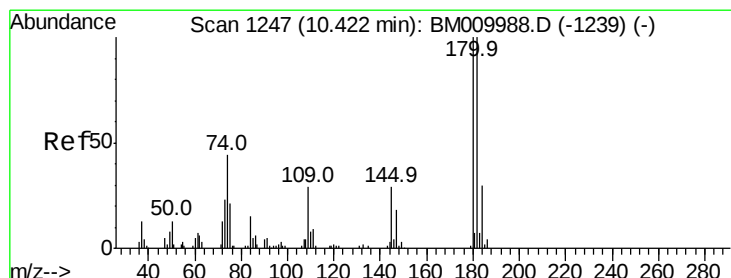
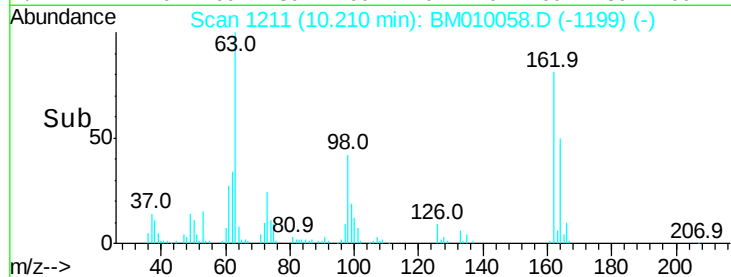
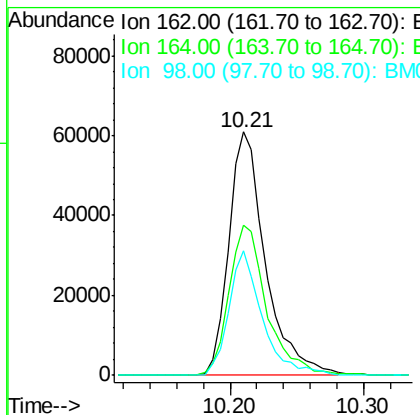
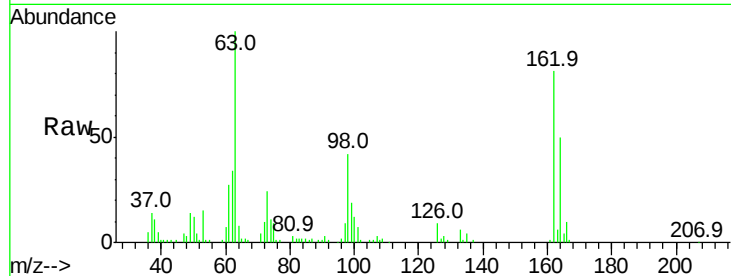
ClientSampleId :

PB99002BS

Tot Ion:	162	Resp:	116729
Ion Ratio	Lower	Upper	
162	100		
164	61.9	42.8	82.8
98	51.1	14.5	54.5

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#30

1,2,4-Trichlorobenzene

Concen: 37.30 ng

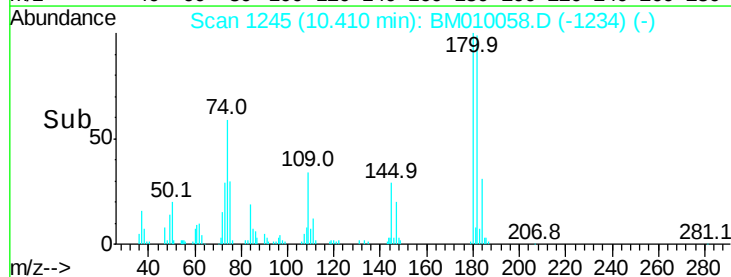
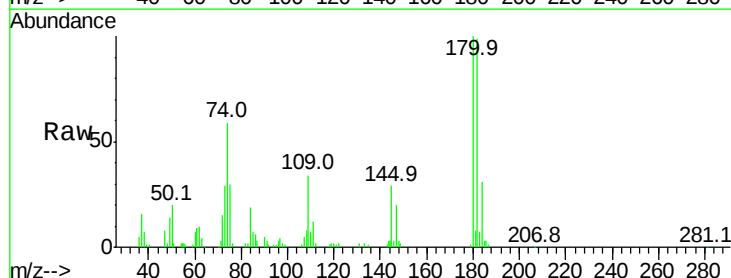
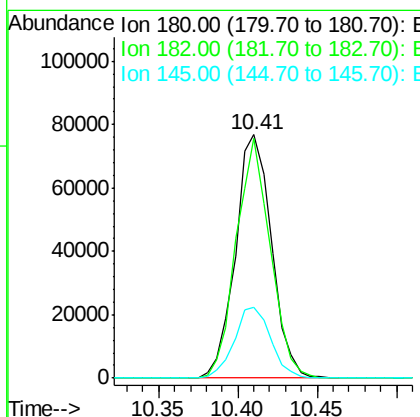
RT: 10.41 min Scan# 1245

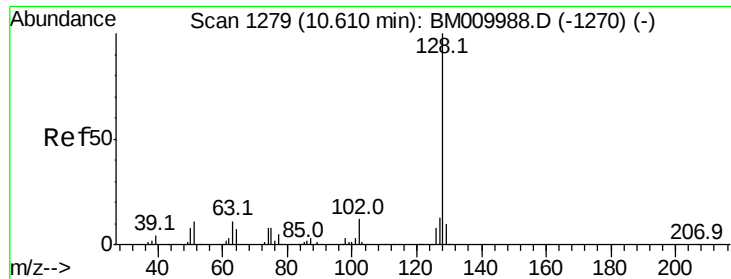
Delta R.T. -0.04 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Tgt Ion:	180	Resp:	121261
Ion Ratio	Lower	Upper	
180	100		
182	98.7	77.6	116.4
145	29.2	23.4	35.2





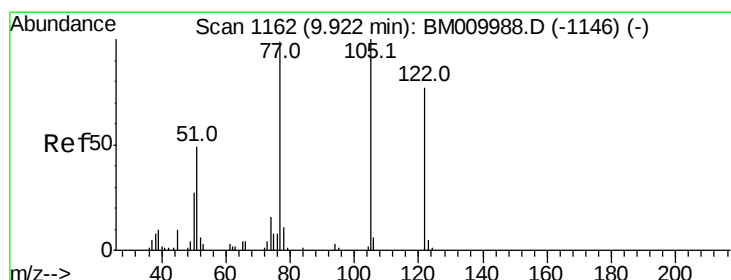
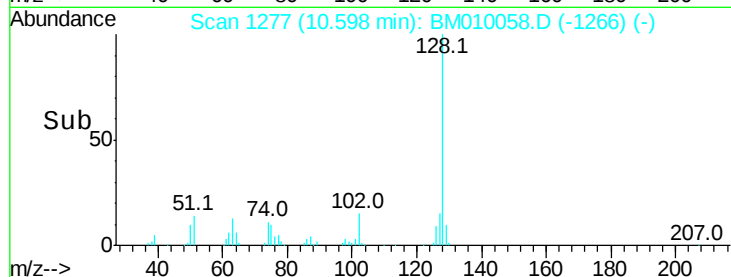
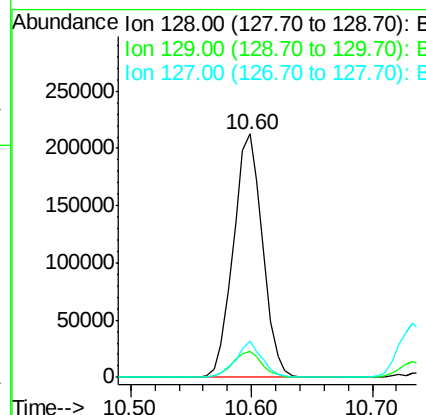
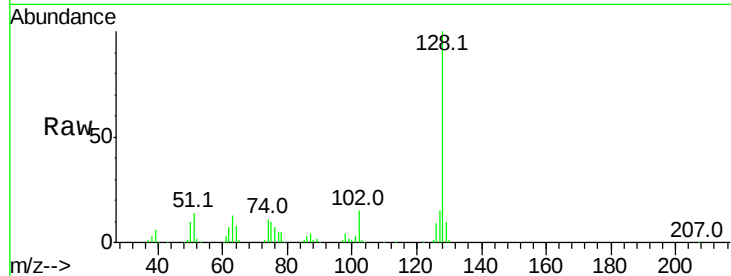
#31
Naphthalene
Concen: 37.16 ng
RT: 10.60 min Scan# 1277
Delta R.T. -0.04 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampled :
PB99002BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	356676		
129	10.4		8.9	13.3
127	14.8		10.4	15.6

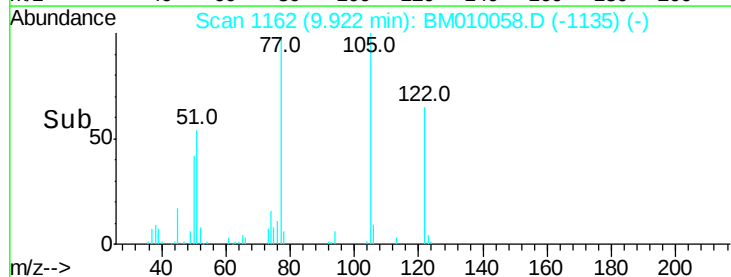
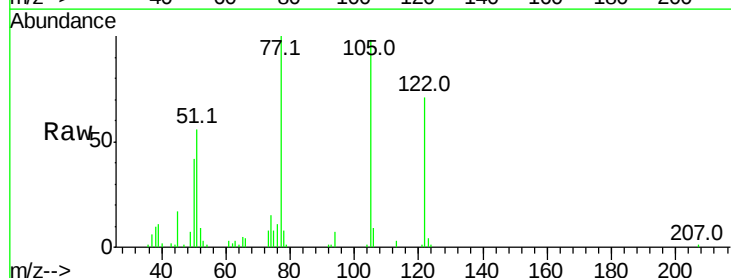
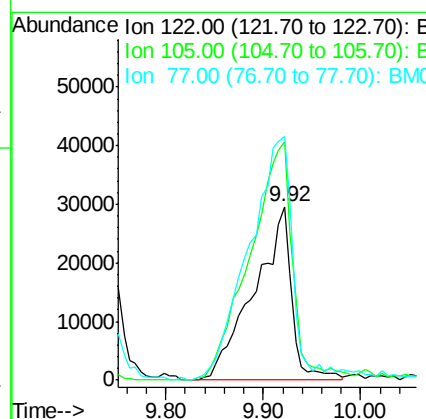
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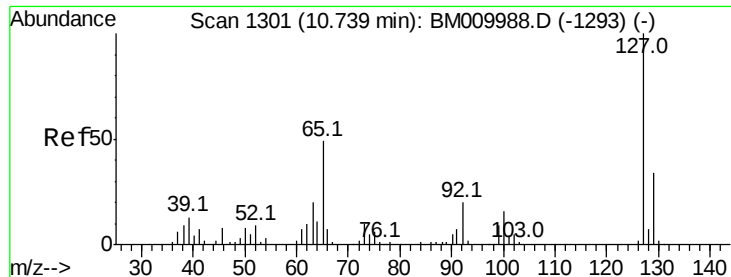
mohammad
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#32
Benzoic acid
Concen: 41.62 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.04 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	79673		
105	137.5		99.9	139.9
77	140.3		73.7	113.7





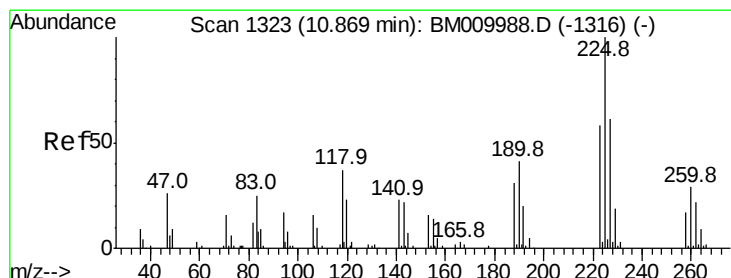
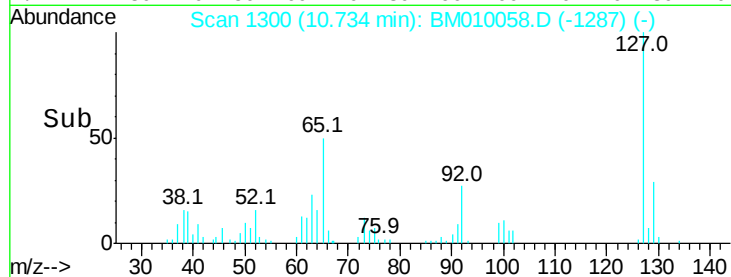
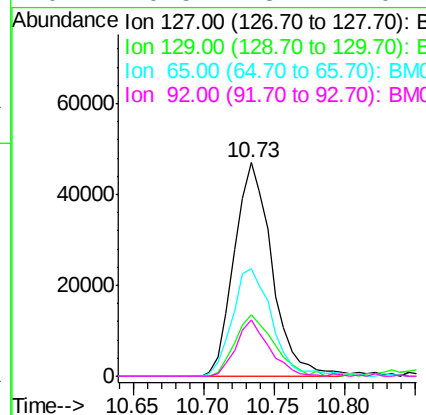
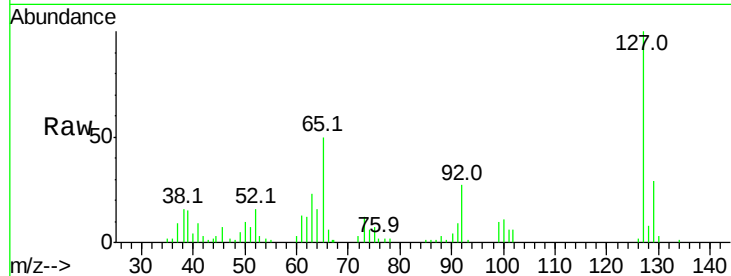
#33
4-Chloroaniline
Concen: 21.64 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB99002BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.0	25.3	37.9
65	50.5	17.6	26.4
92	26.5	13.1	19.7

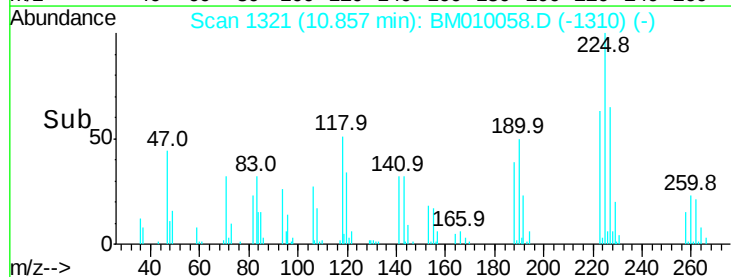
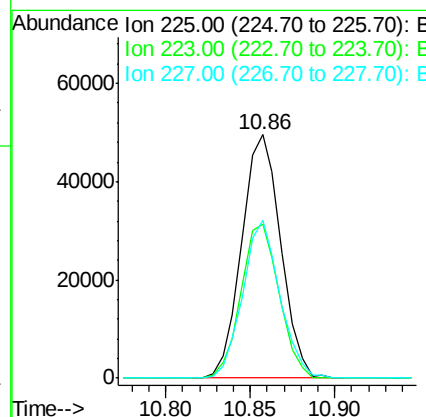
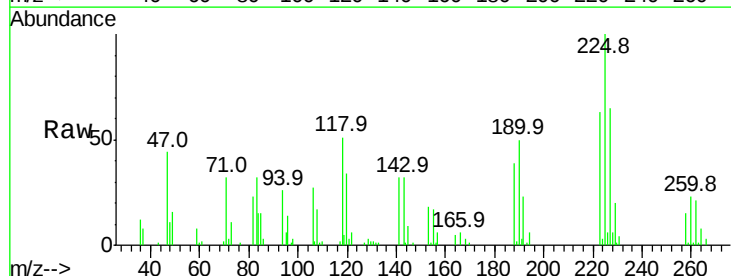
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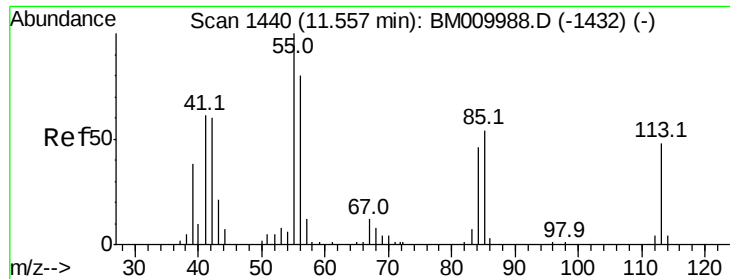
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#34
Hexachlorobutadiene
Concen: 36.01 ng
RT: 10.86 min Scan# 1321
Delta R.T. -0.04 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	47.9	71.9
227	64.7	50.1	75.1





#35

Caprolactam

Concen: 38.90 ng/ml

RT: 11.55 min Scan# 1438

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

ClientSampleId :

PB99002BS

Tot Ion:113 Resp: 42317

Ion Ratio Lower Upper

113 100

55 195.8 145.9 185.9#

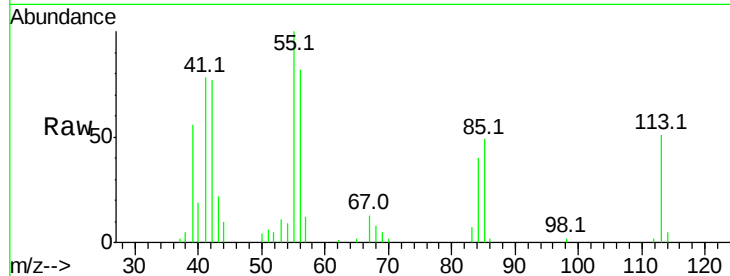
56 160.1 101.0 141.0#

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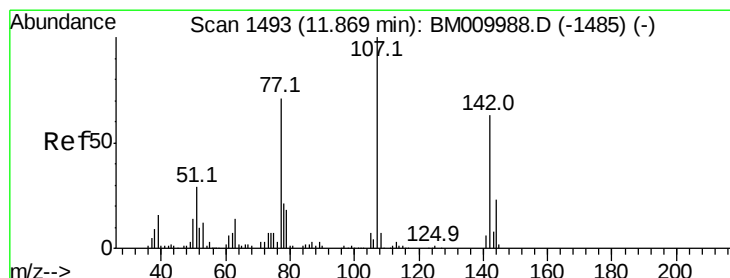
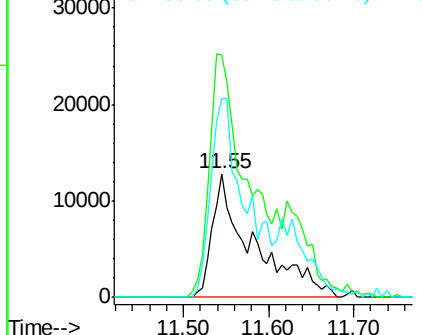
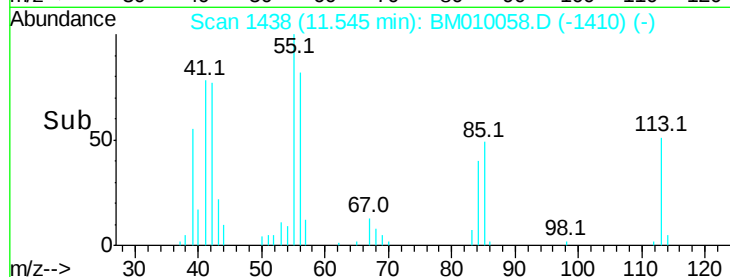
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 42.16 ng/ml

RT: 11.86 min Scan# 1492

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

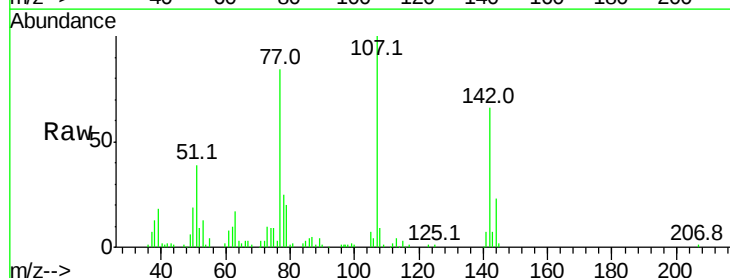
Tgt Ion:107 Resp: 156891

Ion Ratio Lower Upper

107 100

144 23.0 23.3 34.9#

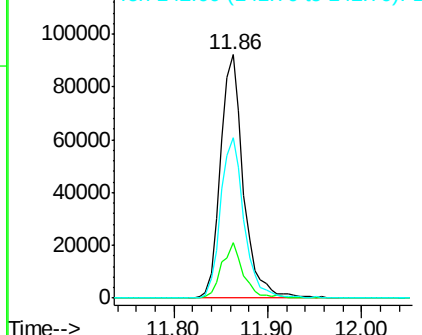
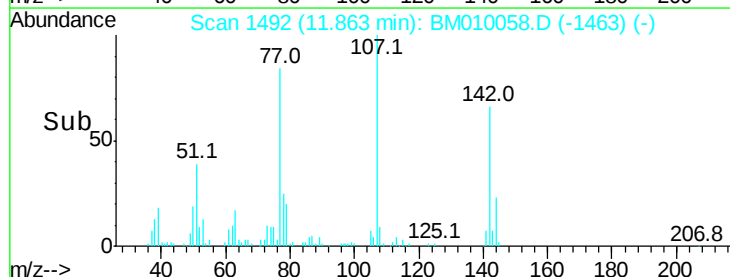
142 66.0 72.6 109.0#

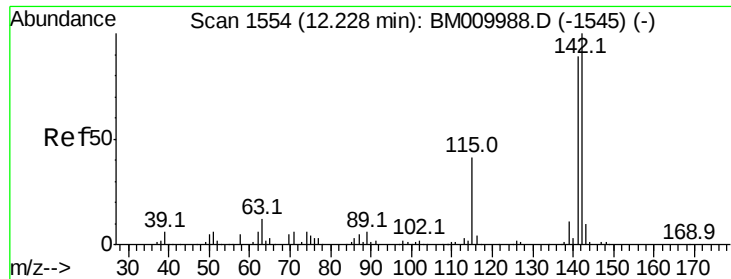


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





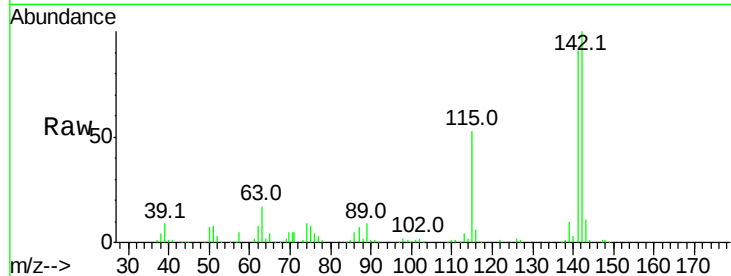
#37
2-Methylnaphthalene
Concen: 39.54 ng
RT: 12.22 min Scan# 1552
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampled :
PB99002BS

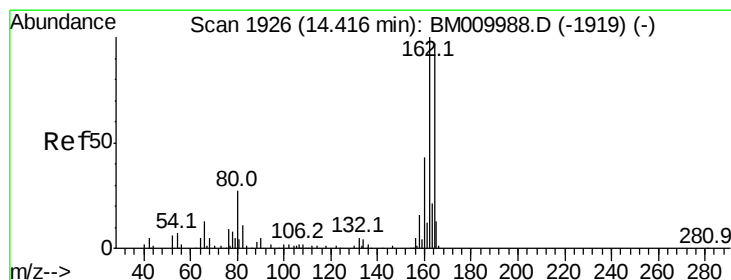
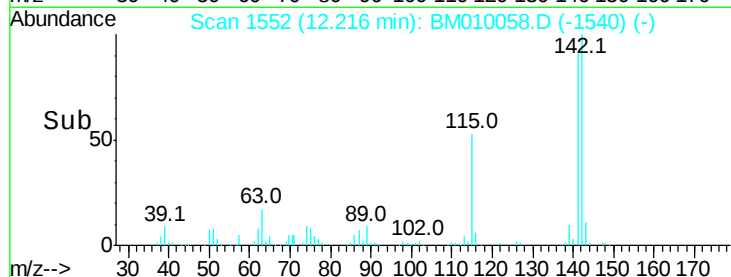
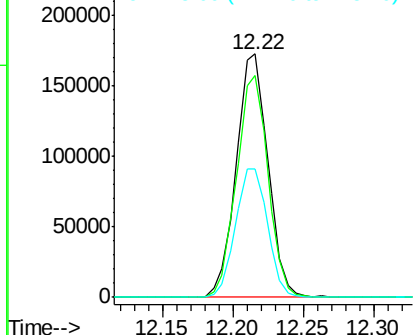
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.9	107.9
115	52.5	25.4	38.0

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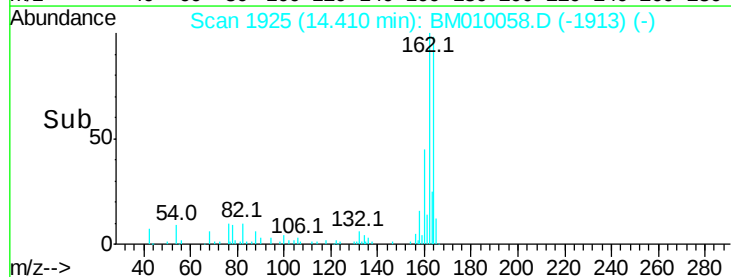
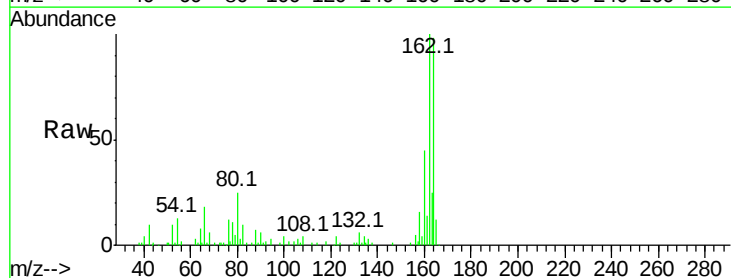
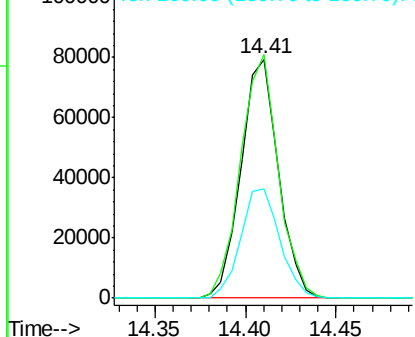
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

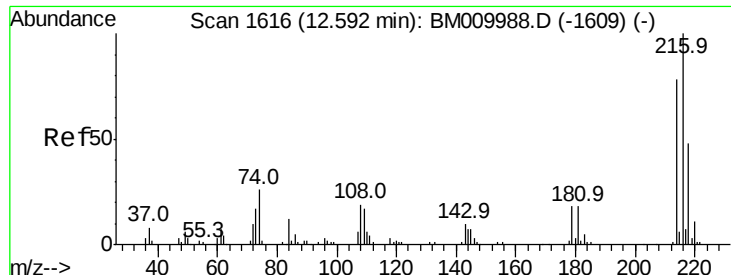


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.4	123.6
160	45.6	35.8	53.6

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





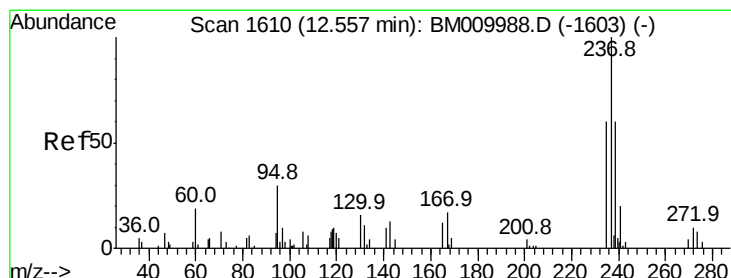
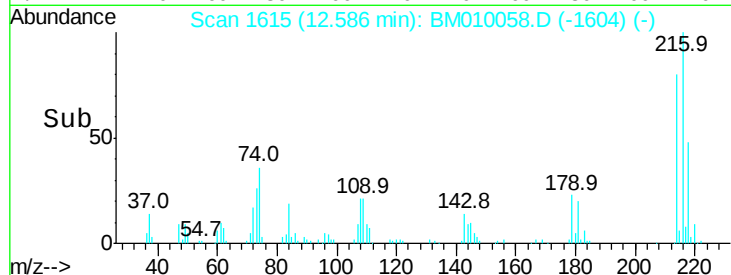
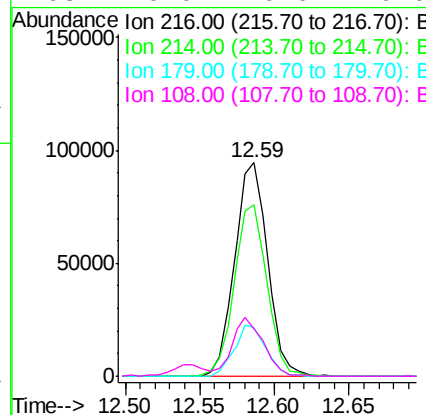
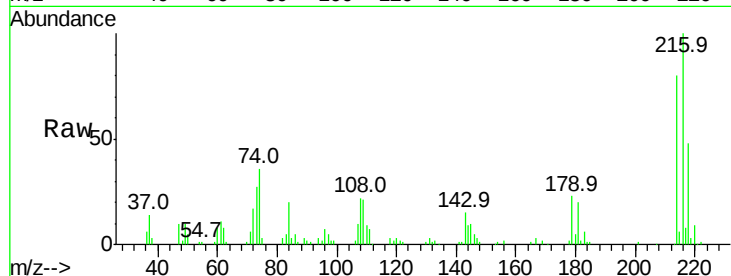
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.03 ng
 RT: 12.59 min Scan# 1615
 Delta R.T. -0.04 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	0.0	0.0	#
179	23.1	0.0	0.0	#
108	26.0	0.0	0.0	#

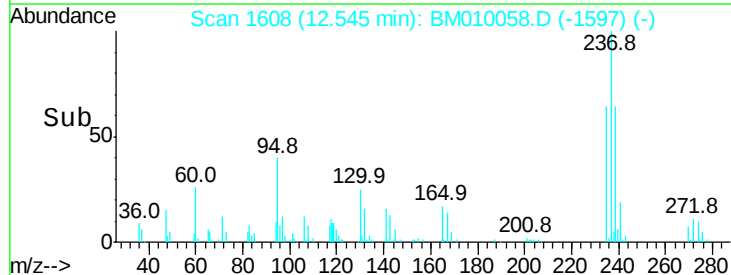
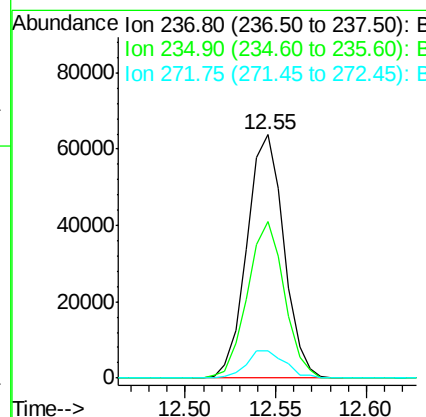
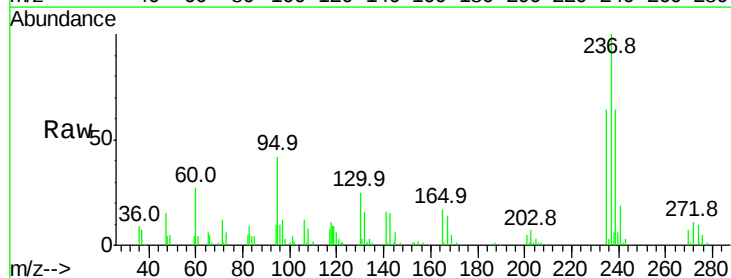
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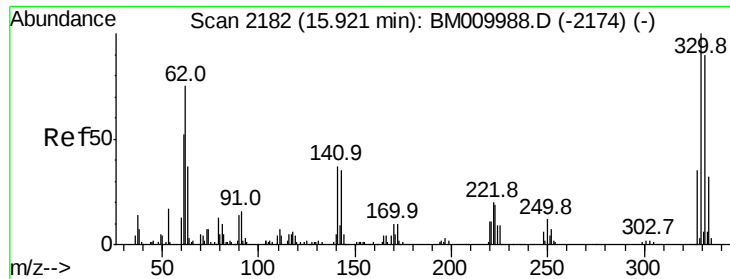
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#40
 Hexachlorocyclopentadiene
 Concen: 83.40 ng
 RT: 12.55 min Scan# 1608
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.1	42.0	82.0	
272	11.1	0.0	33.4	





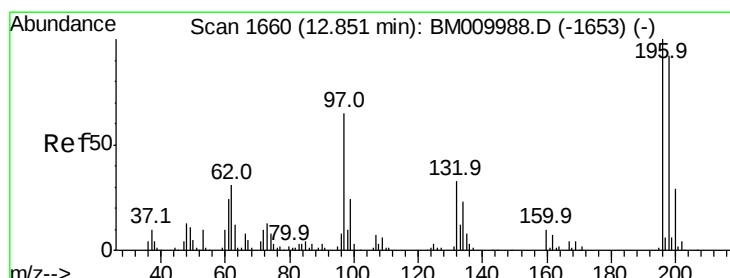
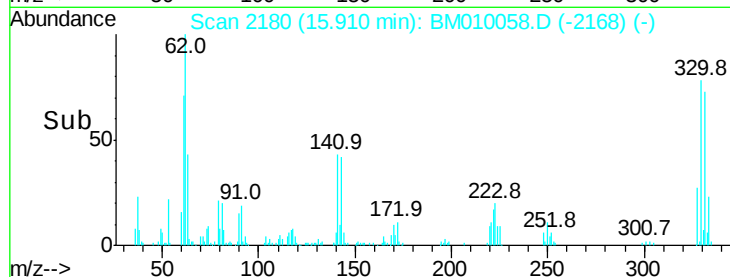
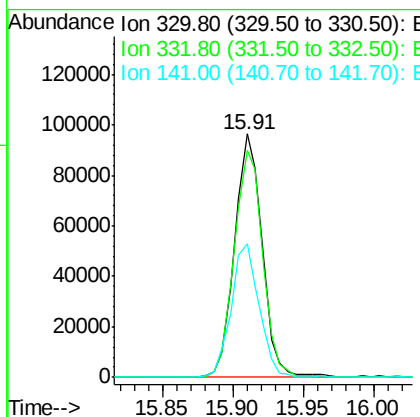
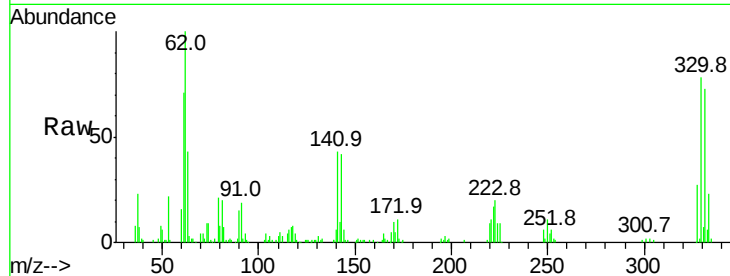
#41
 2,4,6-Tribromophenol
 Concen: 83.91 ng
 RT: 15.91 min Scan# 2180
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	0.0	0.0	0.0
141	55.7	0.0	0.0	0.0

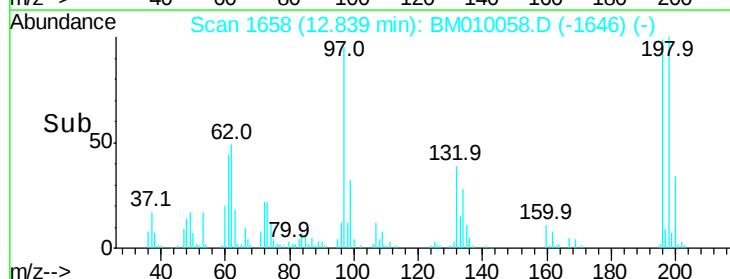
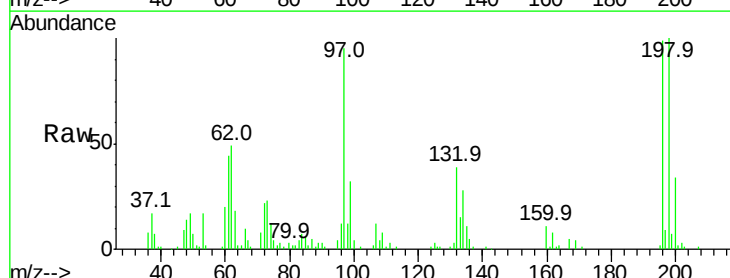
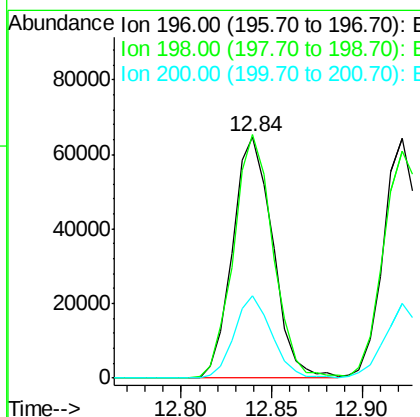
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#42
 2,4,6-Trichlorophenol
 Concen: 38.98 ng
 RT: 12.84 min Scan# 1658
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.7	76.3	114.5	
200	33.9	25.6	38.4	





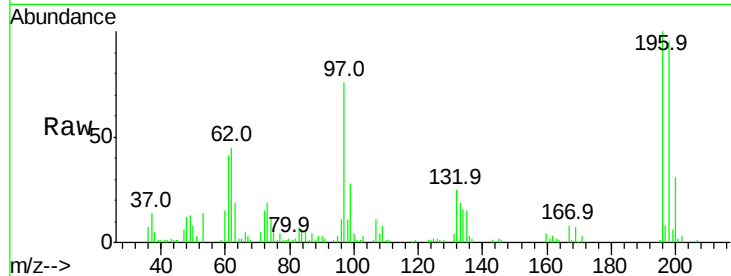
#43
 2,4,5-Trichlorophenol
 Concen: 38.30 ng
 RT: 12.92 min Scan# 1672
 Delta R.T. -0.04 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Instrument :
 BNA_M
 ClientSampled :
 PB99002BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	106370		
198	94.8	79.4	119.0	
97	76.0	26.8	40.2	
132	25.2	18.6	28.0	

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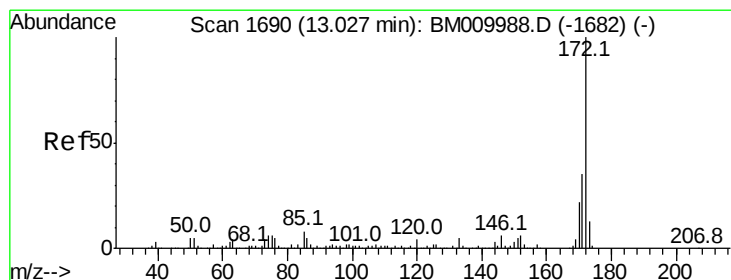
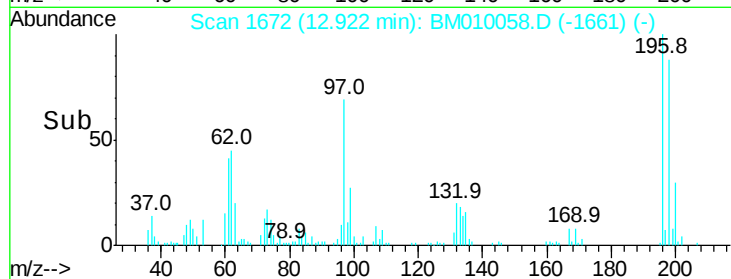
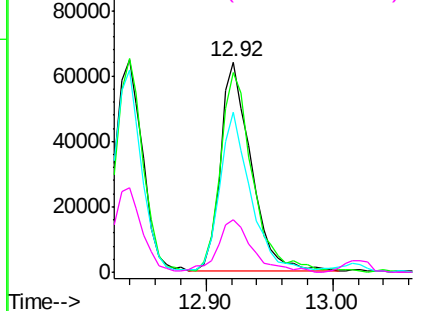
Abundance

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: 85.08 ng
 RT: 13.02 min Scan# 1688
 Delta R.T. -0.04 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

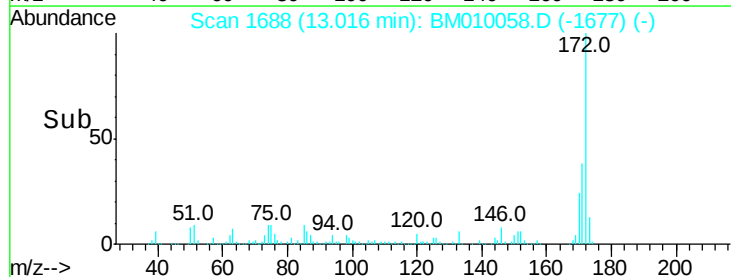
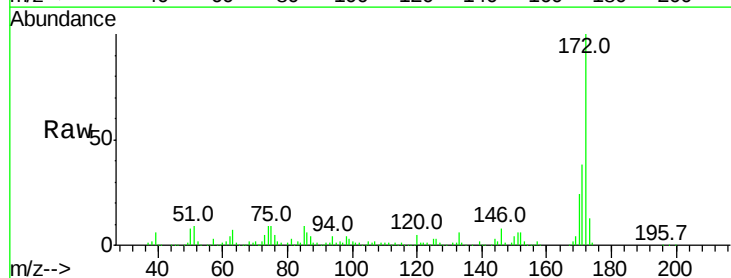
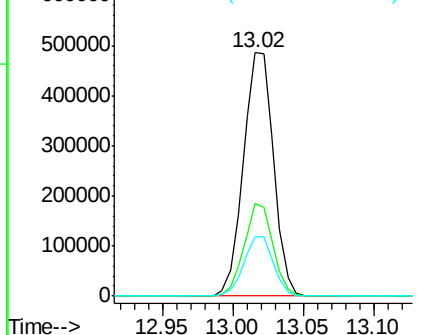
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	725931		
171	37.9	28.5	42.7	
170	24.2	18.8	28.2	

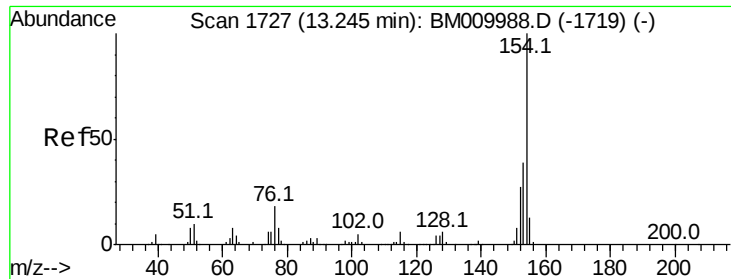
Abundance

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





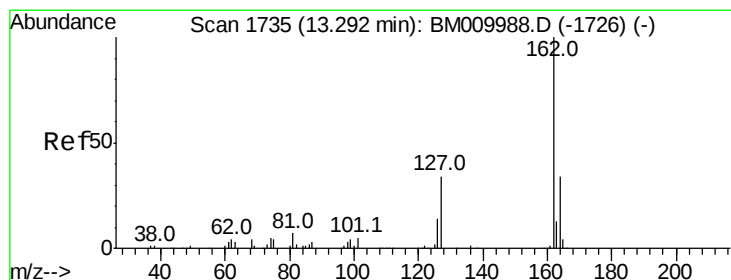
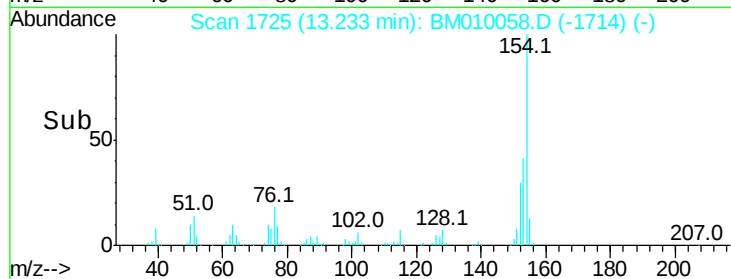
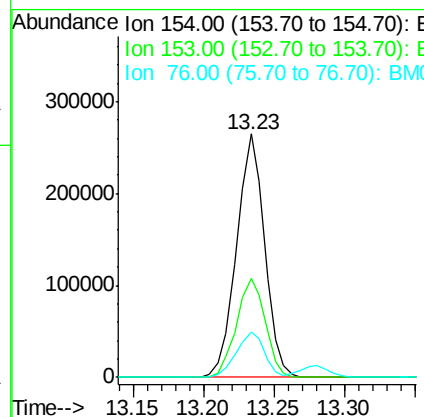
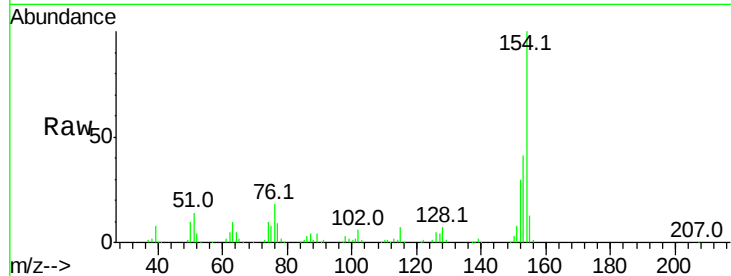
#45
 1,1'-Biphenyl
 Concen: 38.55 ng
 RT: 13.23 min Scan# 1725
 Delta R.T. -0.04 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	20.7	60.7	
76	18.4	0.0	30.9	

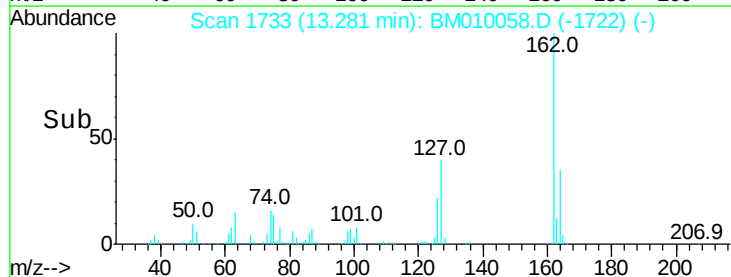
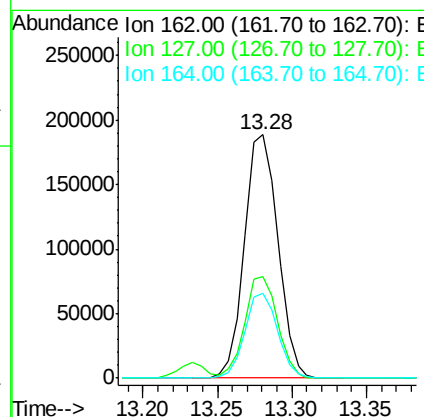
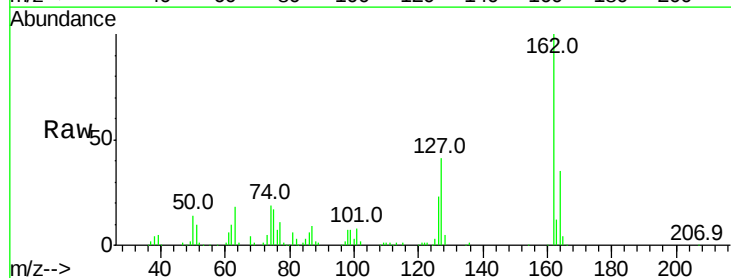
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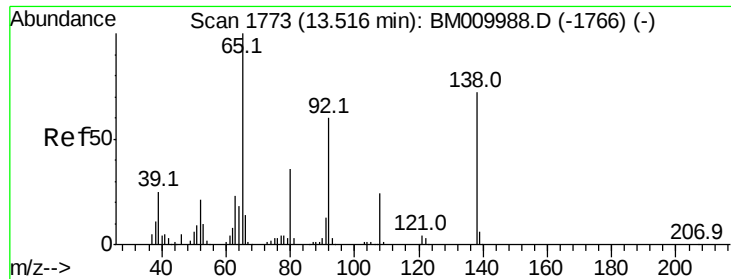
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#46
 2-Chloronaphthalene
 Concen: 39.30 ng
 RT: 13.28 min Scan# 1733
 Delta R.T. -0.04 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.5	26.9	40.3#	
164	34.9	26.8	40.2	





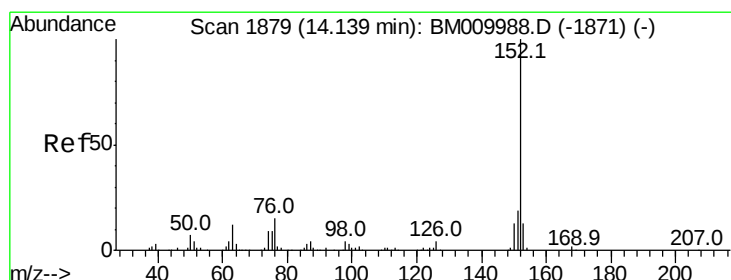
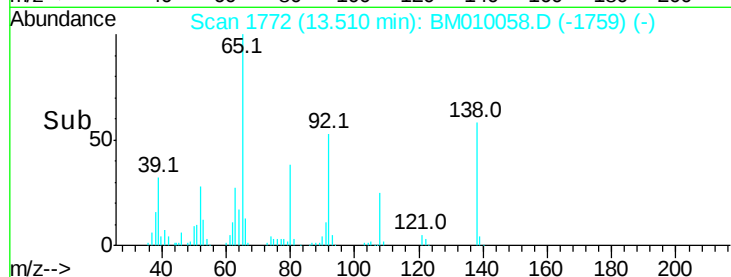
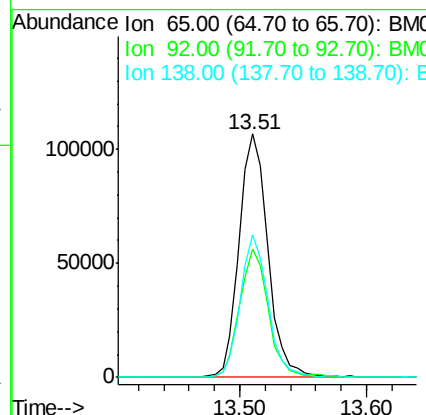
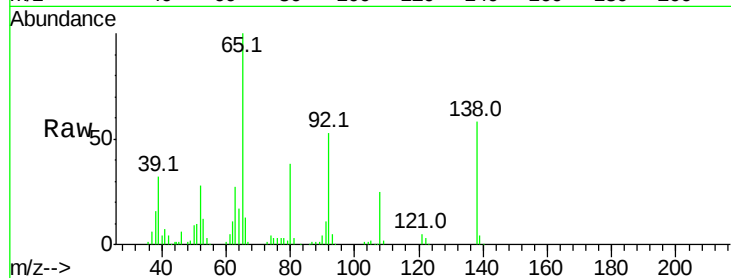
#47
2-Nitroaniline
Concen: 49.54 ng
RT: 13.51 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB99002BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	52.8	59.1	88.7#
138	58.3	93.9	140.9#

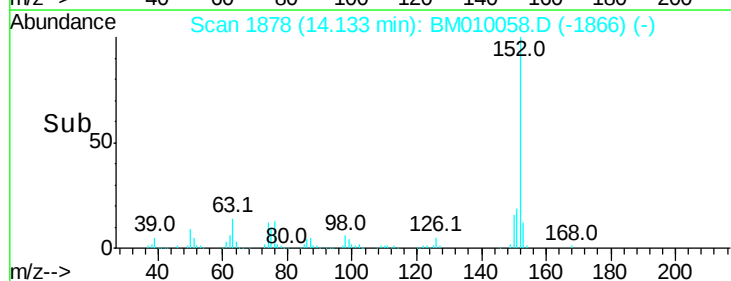
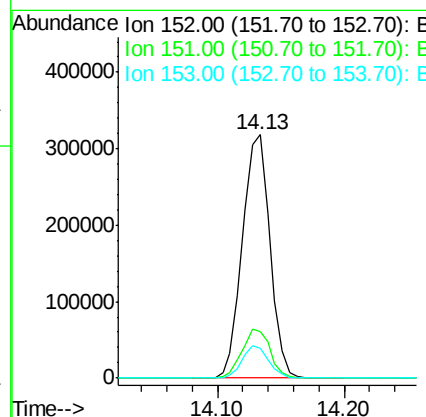
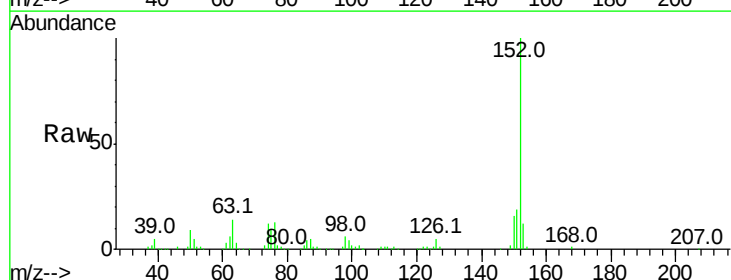
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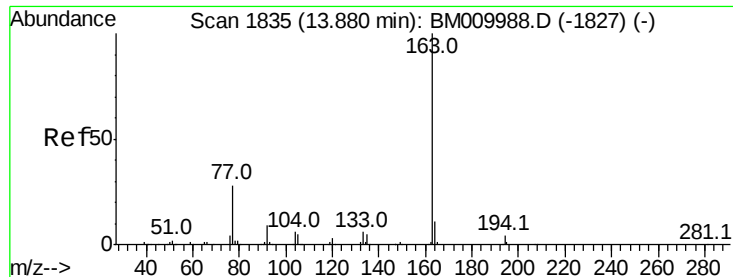
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#48
Acenaphthylene
Concen: 40.76 ng
RT: 14.13 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.9	23.9
153	12.3	10.6	16.0





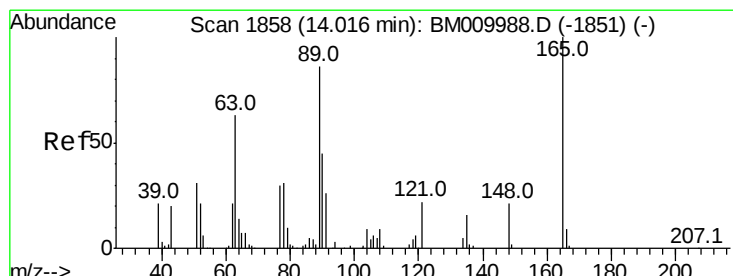
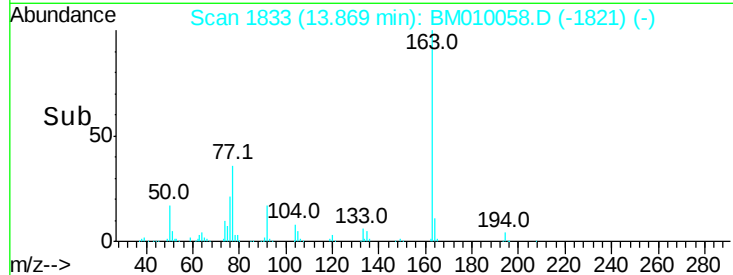
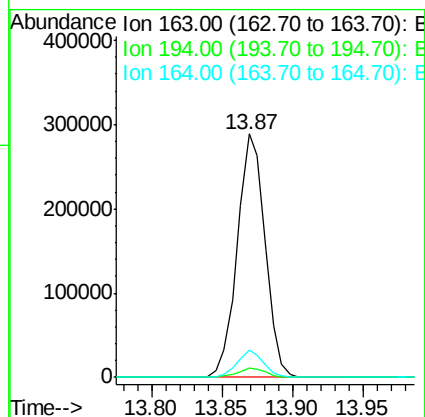
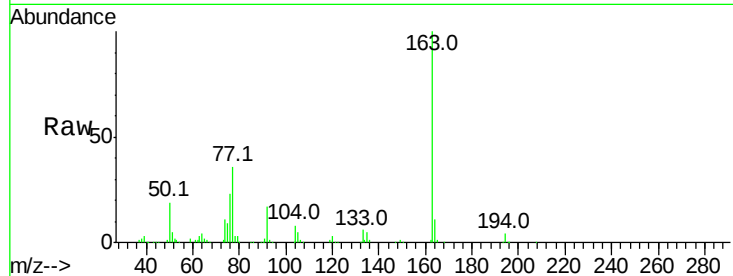
#49
Dimethylphthalate
Concen: 39.48 ng
RT: 13.87 min Scan# 1833
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB99002BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	11.2	8.2	12.2	

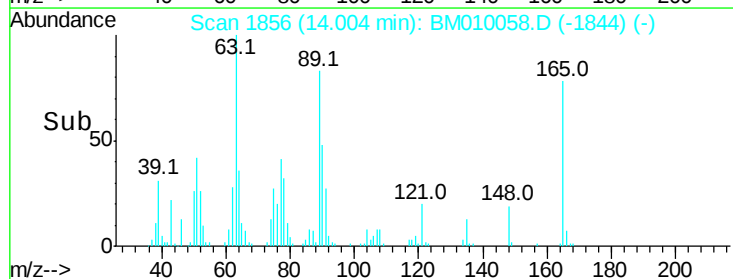
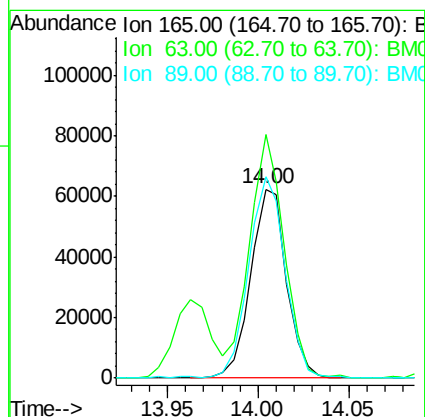
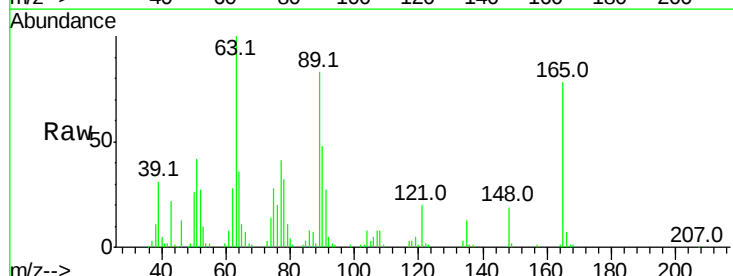
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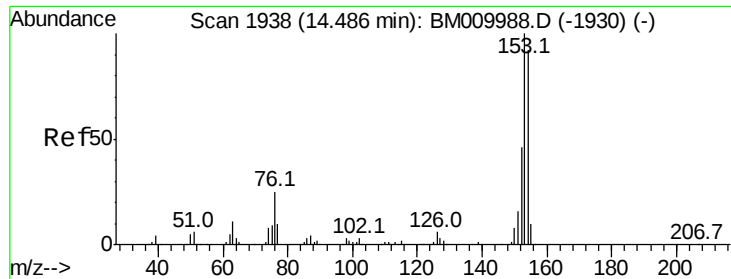
mohammad
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#50
2,6-Dinitrotoluene
Concen: 41.83 ng
RT: 14.00 min Scan# 1856
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	128.8	44.1	66.1#	
89	106.3	44.3	66.5#	





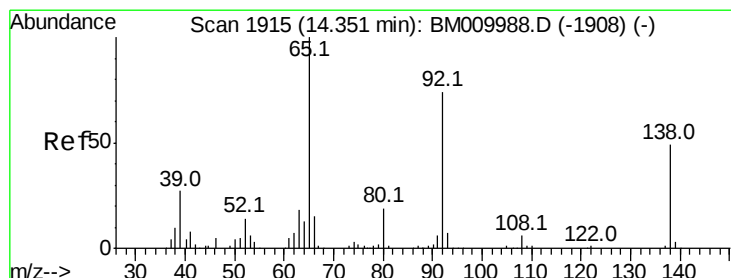
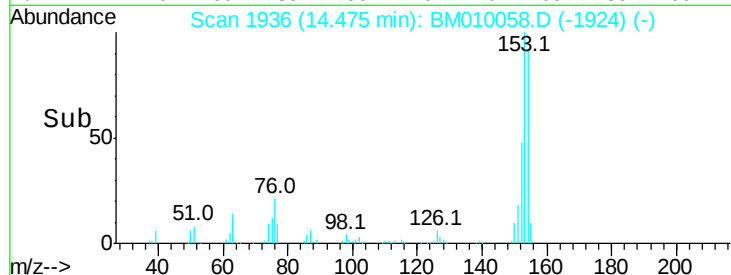
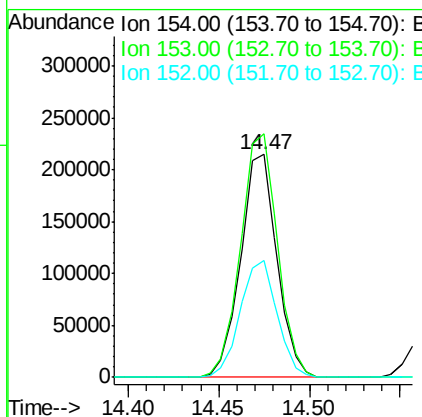
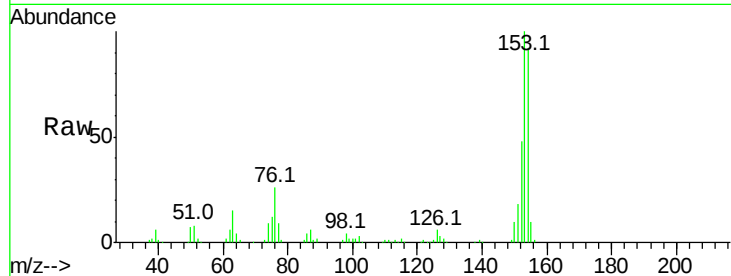
#51
Acenaphthene
Concen: 40.46 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB99002BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	299615		
153	109.2	90.0	135.0	
152	52.3	42.6	63.8	

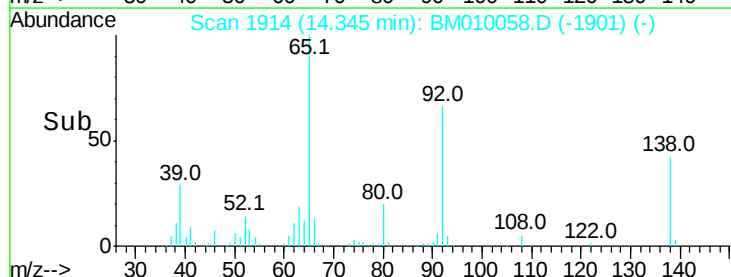
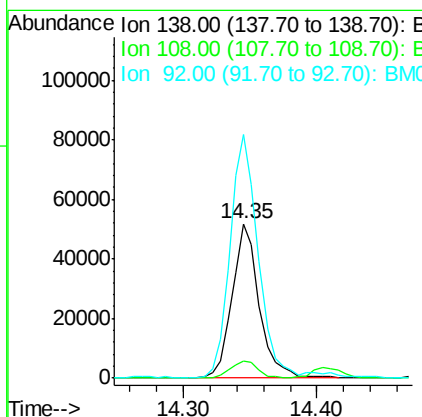
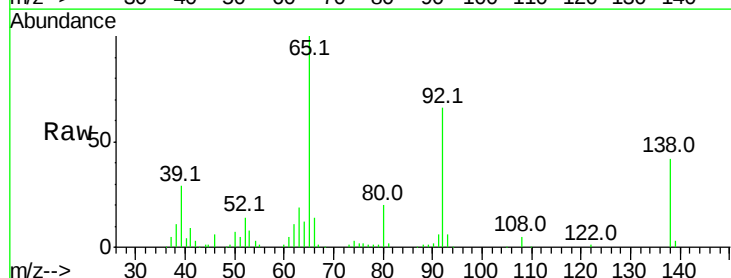
Manual Integrations
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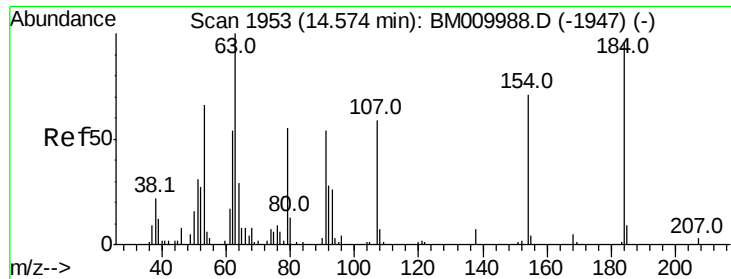
mohammad
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#52
3-Nitroaniline
Concen: 33.90 ng
RT: 14.35 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	73383		
108	11.0	7.3	10.9#	
92	157.7	76.6	114.8#	





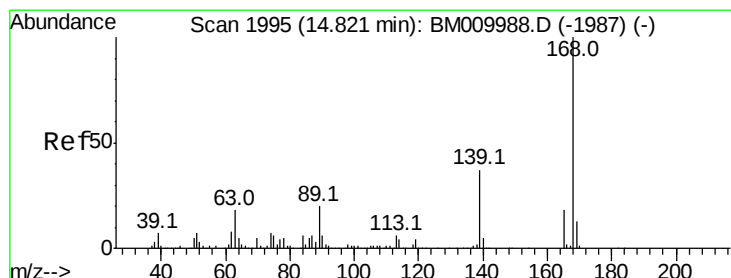
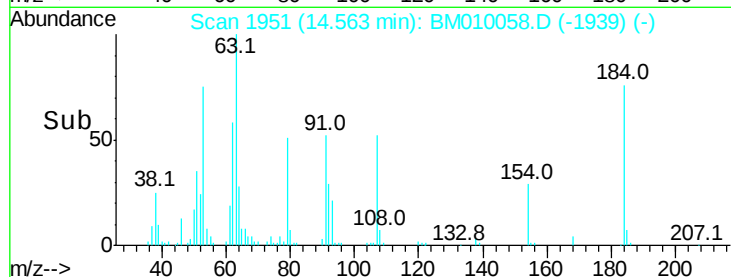
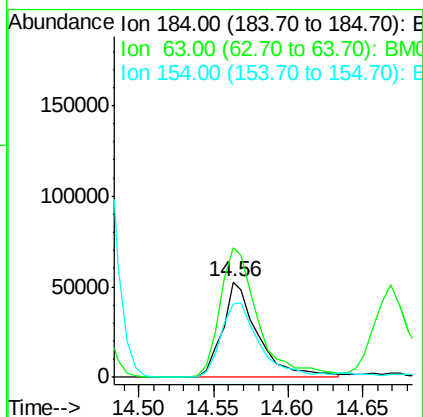
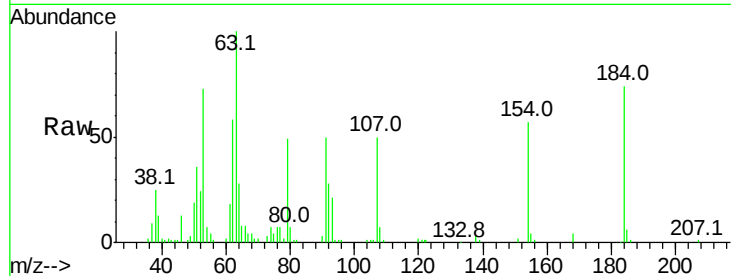
#53
2,4-Dinitrophenol
Concen: 73.43 ng
RT: 14.56 min Scan# 1951
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampled :
PB99002BS

Tot Ion:184 Resp: 88037
Ion Ratio Lower Upper
184 100
63 135.7 69.2 103.8#
154 76.9 53.3 79.9

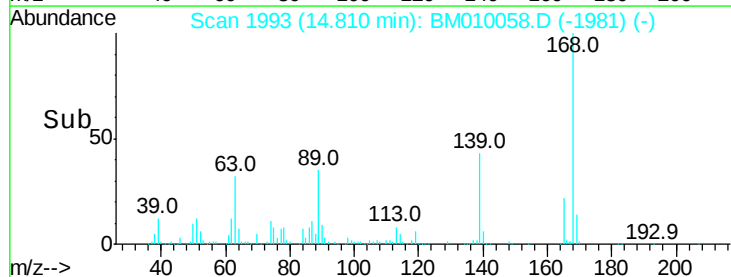
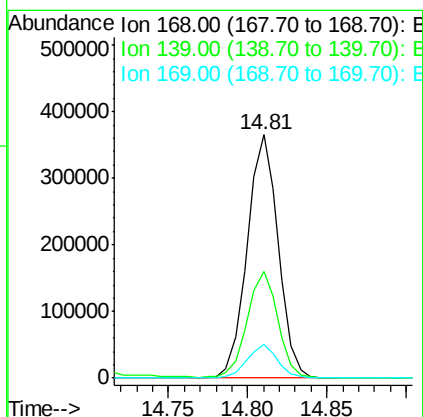
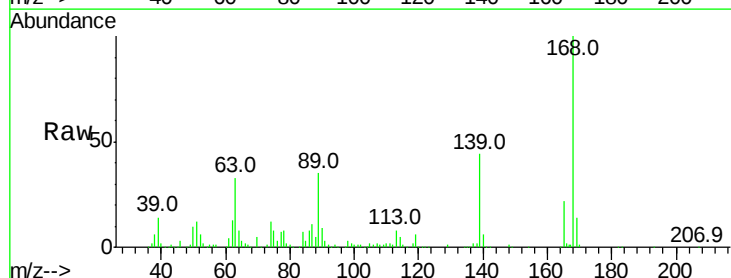
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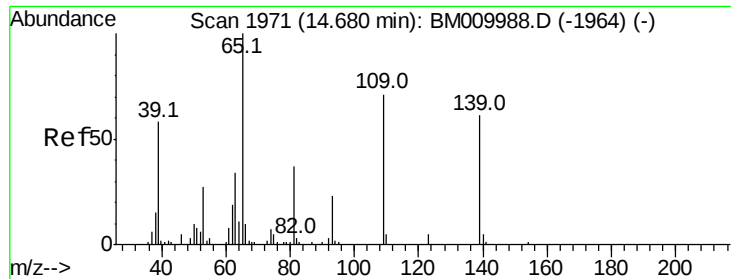
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#54
Dibenzofuran
Concen: 43.71 ng
RT: 14.81 min Scan# 1993
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion:168 Resp: 495855
Ion Ratio Lower Upper
168 100
139 43.7 27.3 40.9#
169 14.0 10.6 16.0





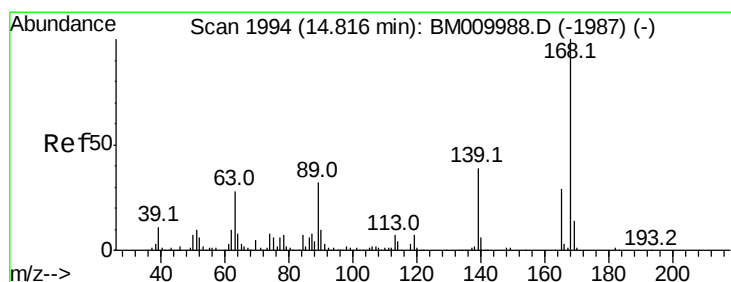
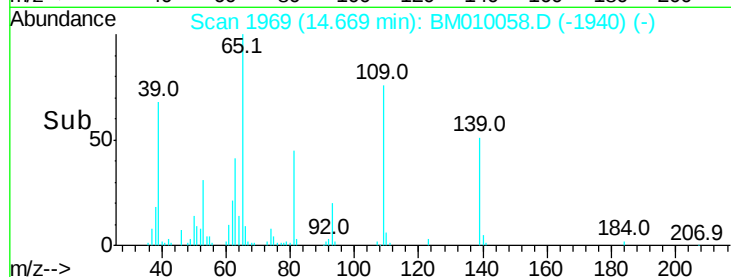
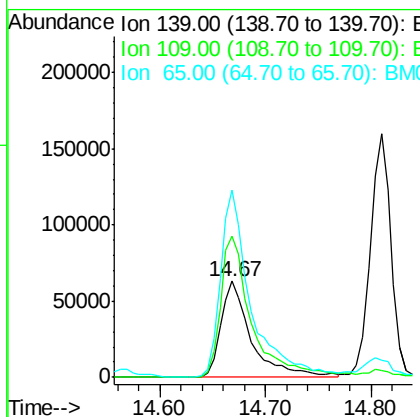
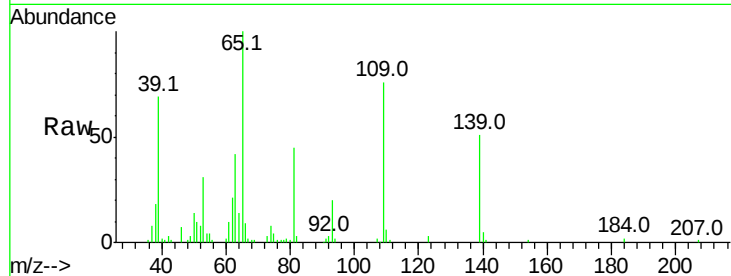
#55
4-Nitrophenol
Concen: 87.43 ng
RT: 14.67 min Scan# 1969
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampled :
PB99002BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	147.1	37.7	77.7#	
65	194.8	49.9	89.9#	

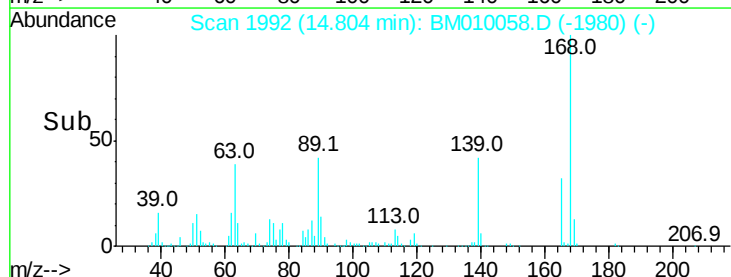
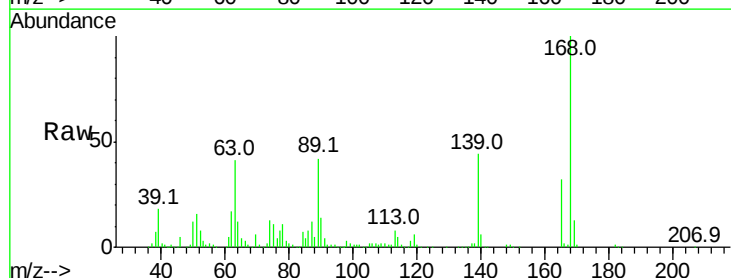
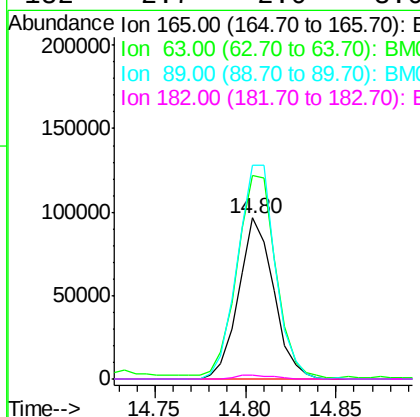
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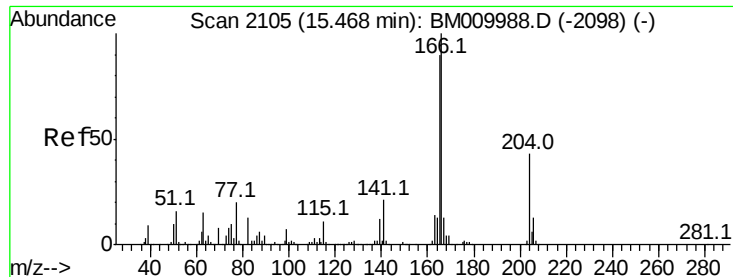
mohammad
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#56
2,4-Dinitrotoluene
Concen: 43.26 ng
RT: 14.80 min Scan# 1992
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	126.6	52.4	78.6#	
89	132.5	72.4	108.6#	
182	2.7	2.0	3.0	





#57

Fluorene

Concen: 41.62 ng

RT: 15.46 min Scan# 2104

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

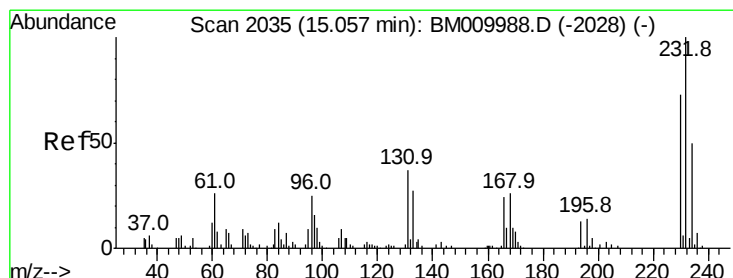
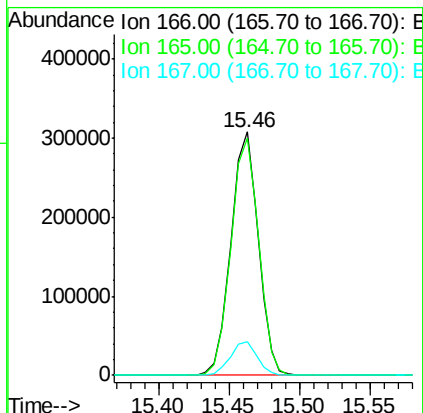
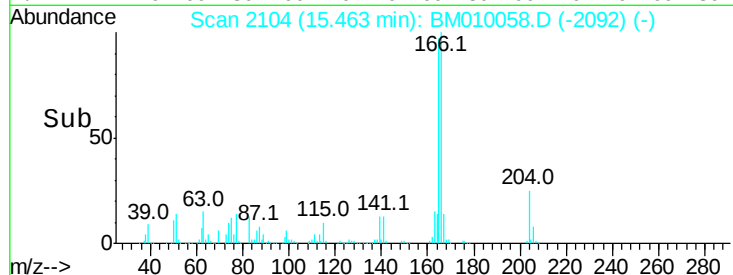
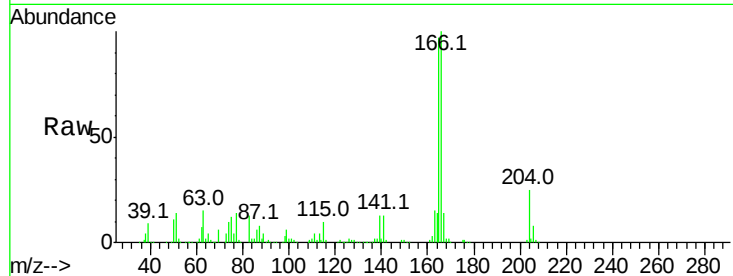
ClientSampleId :

PB99002BS

Tot Ion:	166	Resp:	416253
Ion Ratio	Lower	Upper	
166	100		
165	97.2	79.0	118.4
167	13.6	10.3	15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.18 ng

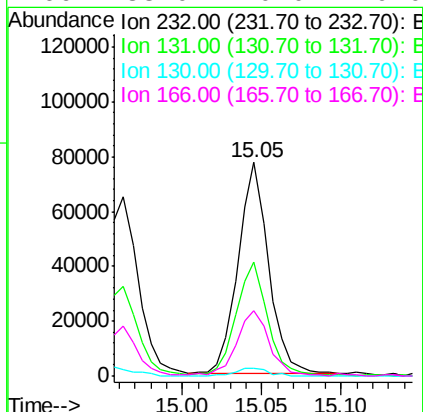
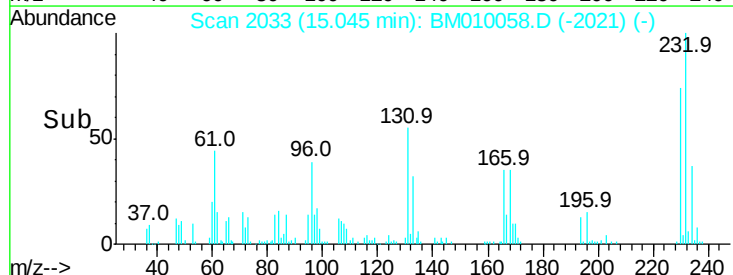
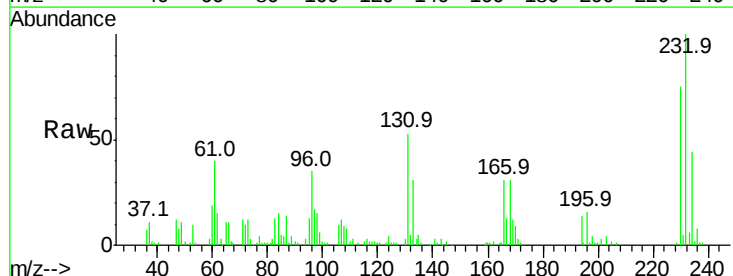
RT: 15.05 min Scan# 2033

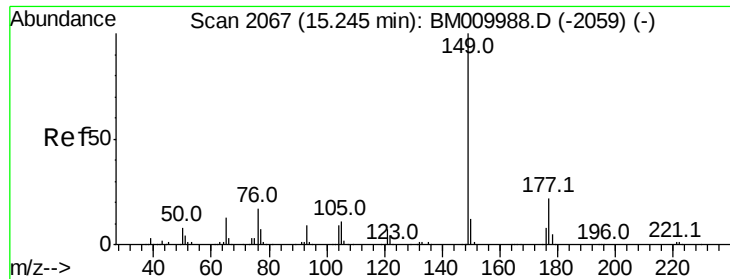
Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Tgt Ion:	232	Resp:	103597
Ion Ratio	Lower	Upper	
232	100		
131	55.6	0.0	0.0#
130	4.0	0.0	0.0#
166	33.0	0.0	0.0#





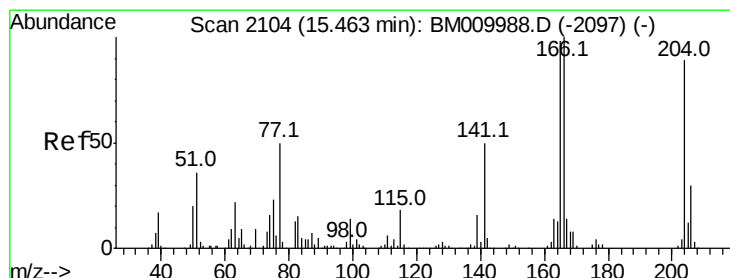
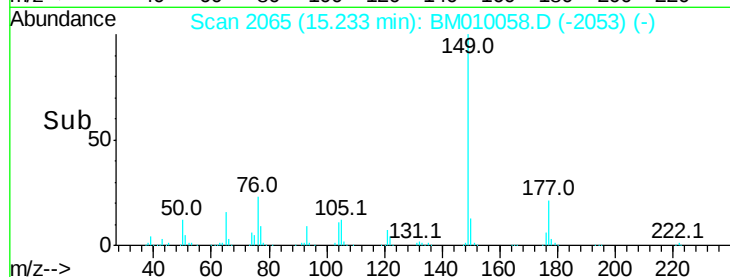
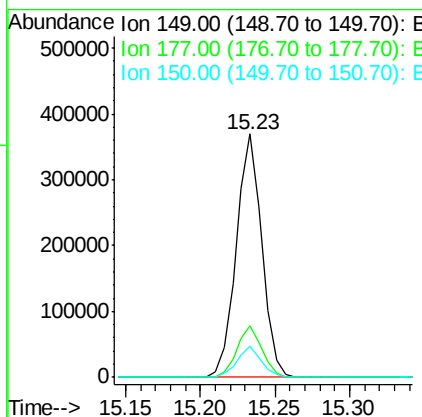
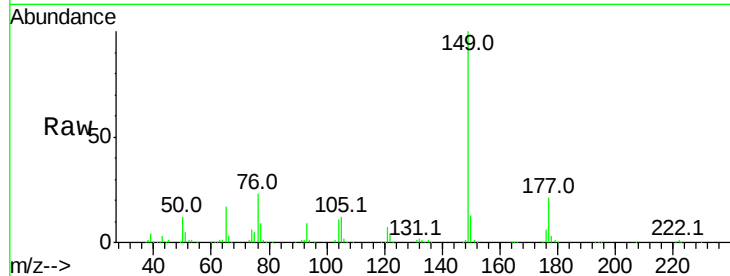
#59
Diethylphthalate
Concen: 41.66 ng
RT: 15.23 min Scan# 2065
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampled :
PB99002BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	439907		
177	21.2	18.3	27.5	
150	12.7	9.8	14.8	

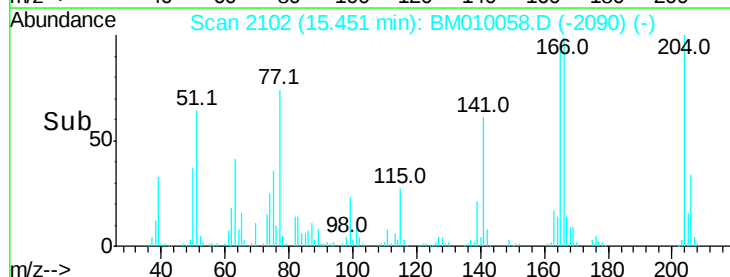
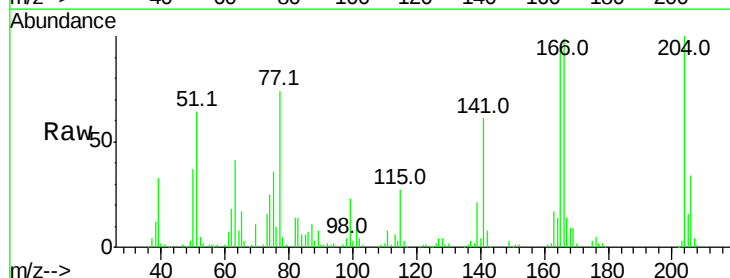
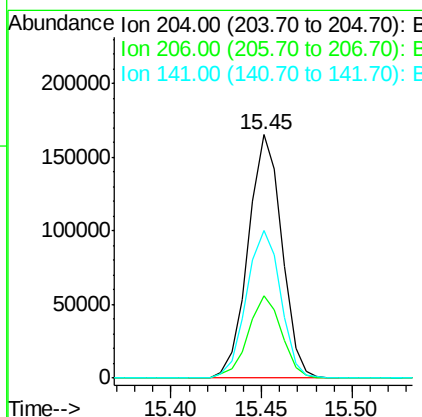
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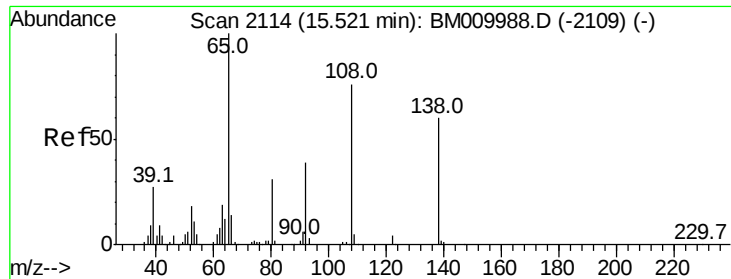
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 39.01 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	213079		
206	33.8	26.6	39.8	
141	60.7	45.2	67.8	





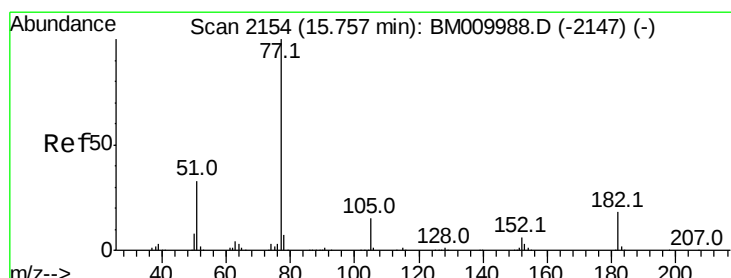
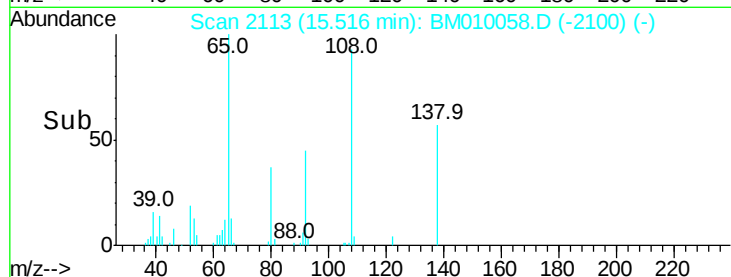
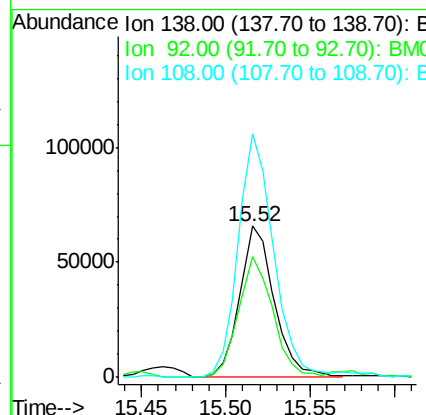
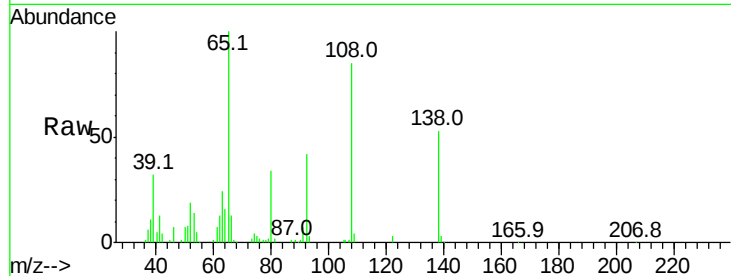
#61
4-Nitroaniline
Concen: 42.75 ng
RT: 15.52 min Scan# 2113
Delta R.T. -0.02 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB99002BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	79.4	16.7	56.7#
108	160.9	37.6	77.6#

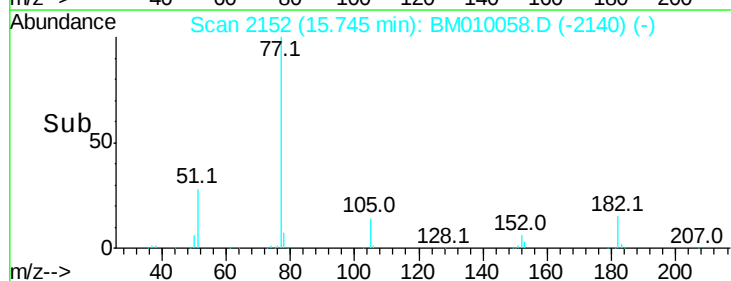
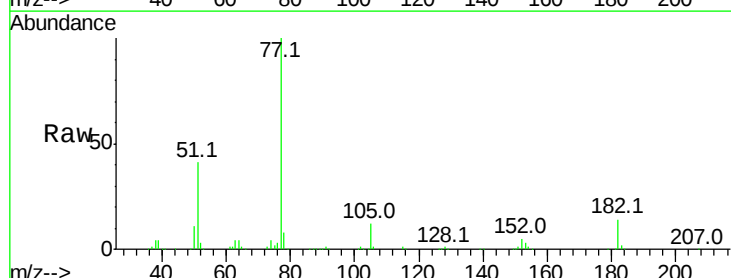
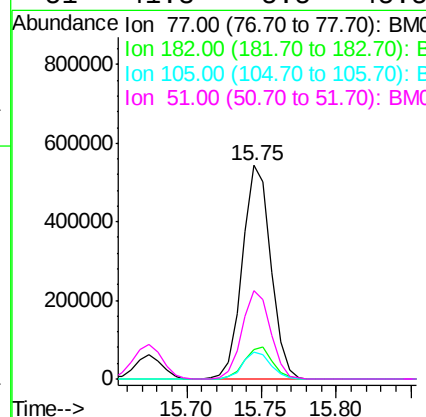
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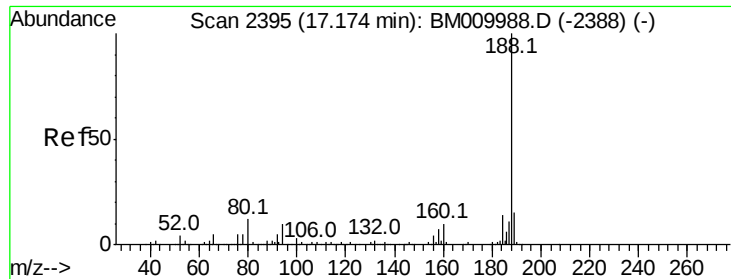
mohammad
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#62
Azobenzene
Concen: 55.88 ng
RT: 15.75 min Scan# 2152
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	13.6	6.5	46.5
105	12.4	3.8	43.8
51	41.3	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.16 min Scan# 2393

Delta R.T. -0.04 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

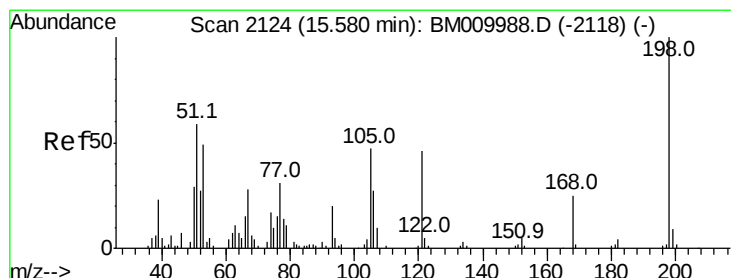
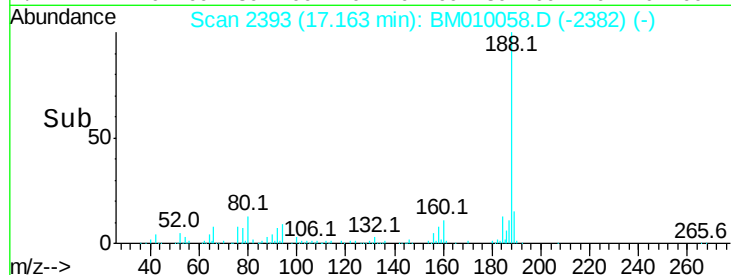
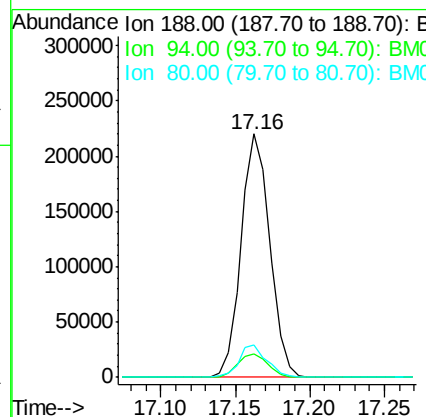
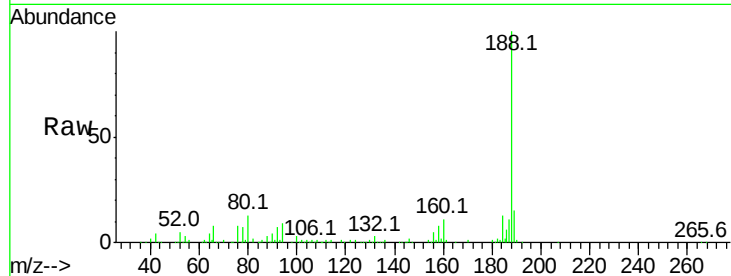
ClientSampleId :

PB99002BS

Tot Ion:	188	Resp:	294495
Ion Ratio	Lower	Upper	
188	100		
94	9.5	8.7	13.1
80	13.3	9.3	13.9

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#64

4,6-Dinitro-2-methylphenol

Concen: 37.80 ng

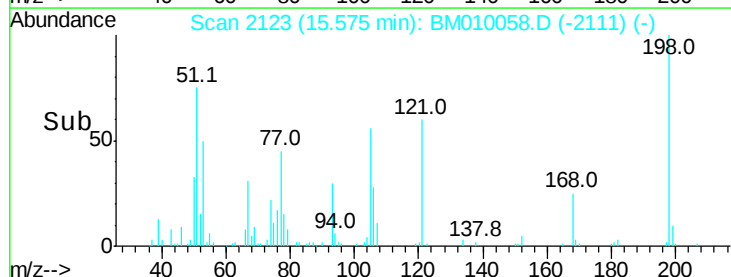
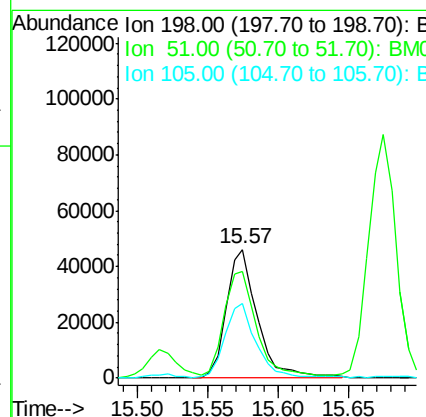
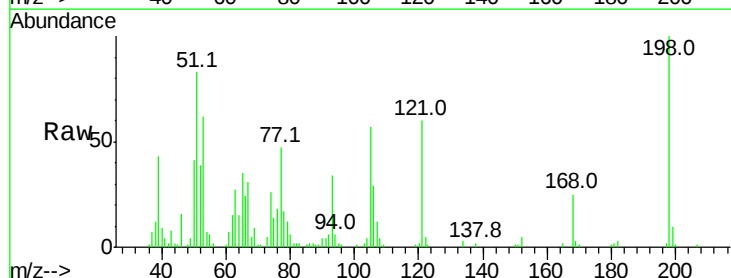
RT: 15.57 min Scan# 2123

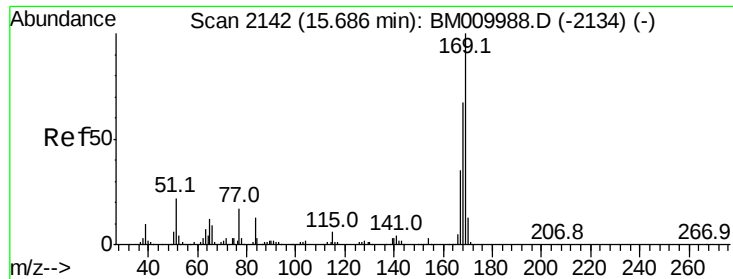
Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Tgt Ion:	198	Resp:	70256
Ion Ratio	Lower	Upper	
198	100		
51	82.5	28.8	68.8#
105	57.5	30.5	70.5





#65

n-Nitrosodiphenylamine

Concen: 39.26 ng

RT: 15.67 min Scan# 2140

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

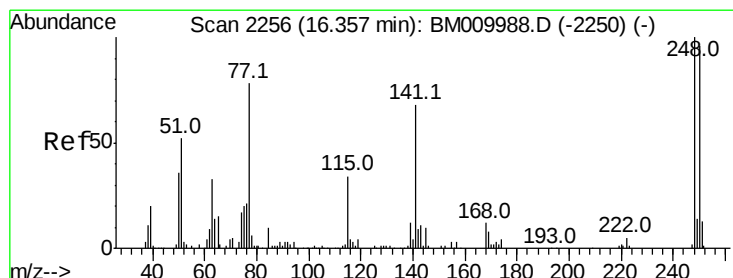
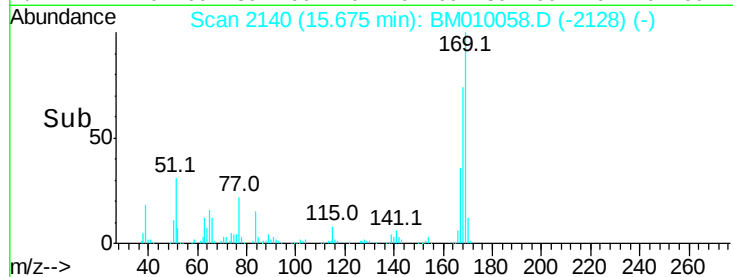
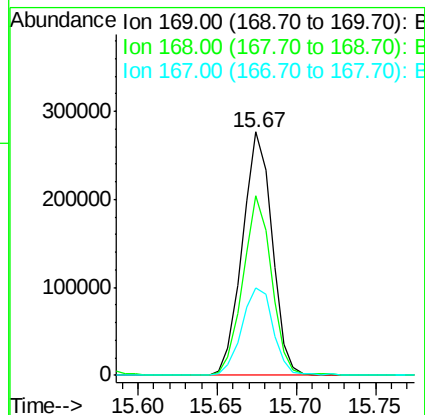
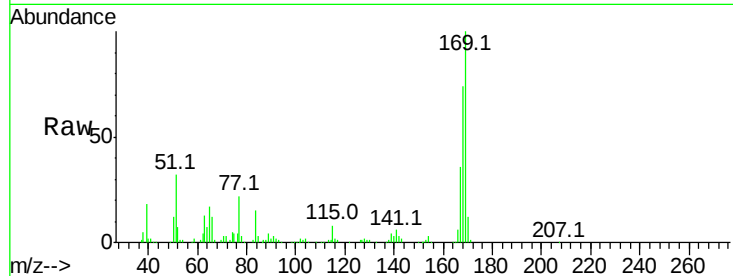
ClientSampleId :

PB99002BS

Tot Ion:	169	Resp:	358773
Ion Ratio	Lower	Upper	
169	100		
168	73.8	53.9	80.9
167	35.8	28.9	43.3

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#66

4-Bromophenyl-phenylether

Concen: 37.44 ng

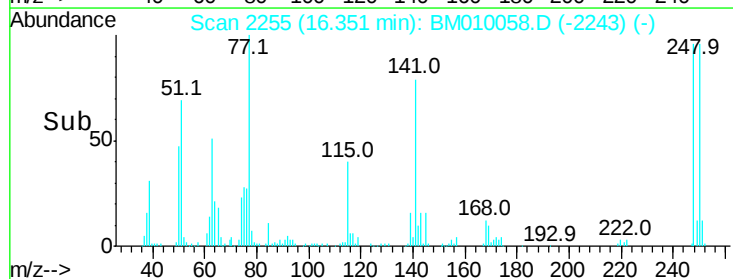
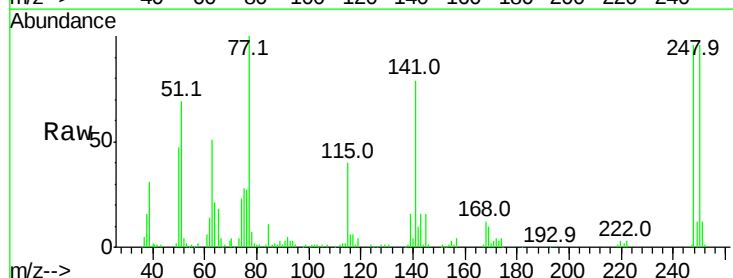
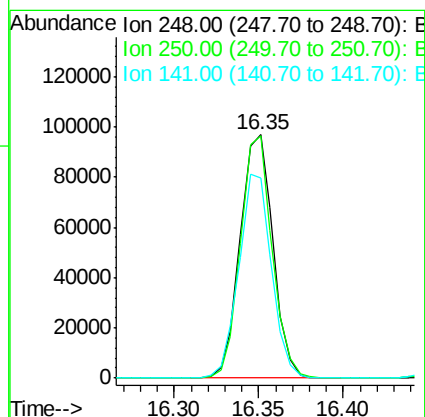
RT: 16.35 min Scan# 2255

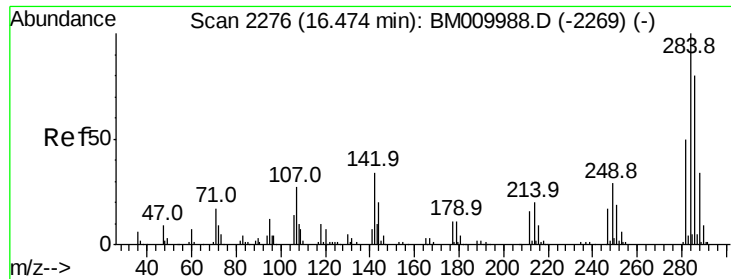
Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Tgt Ion:	248	Resp:	130946
Ion Ratio	Lower	Upper	
248	100		
250	99.6	77.4	116.0
141	82.1	45.2	67.8





#67

Hexachlorobenzene

Concen: 35.66 ng

RT: 16.46 min Scan# 2274

Delta R.T. -0.04 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

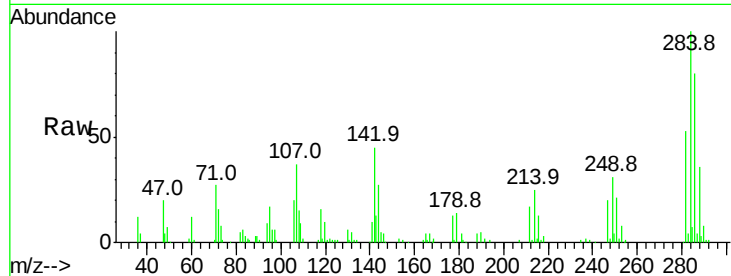
ClientSampled :

PB99002BS

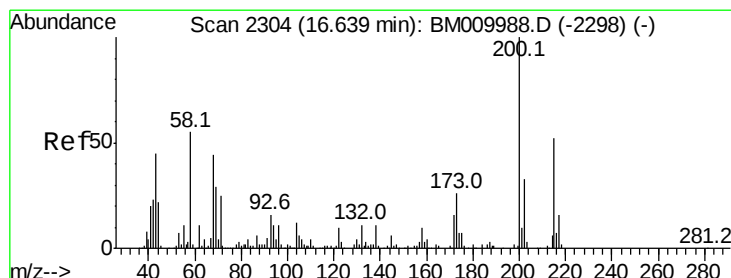
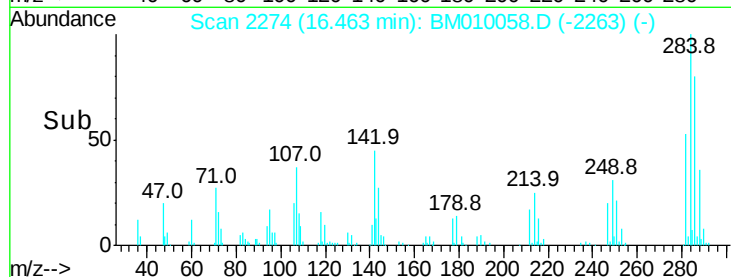
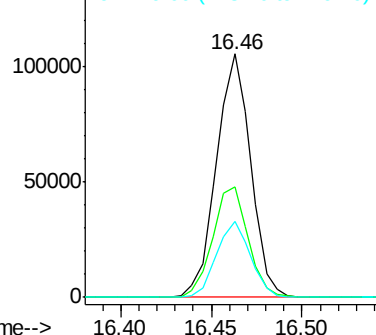
Tot Ion:	284	Resp:	138447
Ion Ratio		Lower	Upper
284	100		
142	45.5	20.4	30.6#
249	31.0	23.8	35.6

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



#68

Atrazine

Concen: 40.97 ng

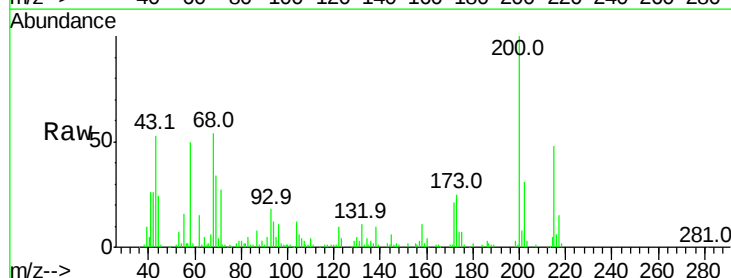
RT: 16.63 min Scan# 2303

Delta R.T. -0.02 min

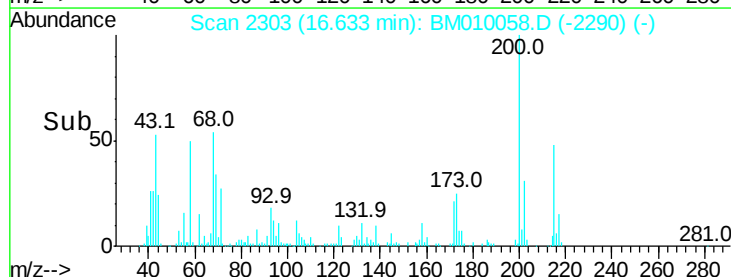
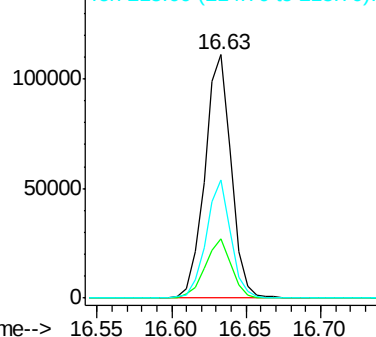
Lab File: BM010058.D

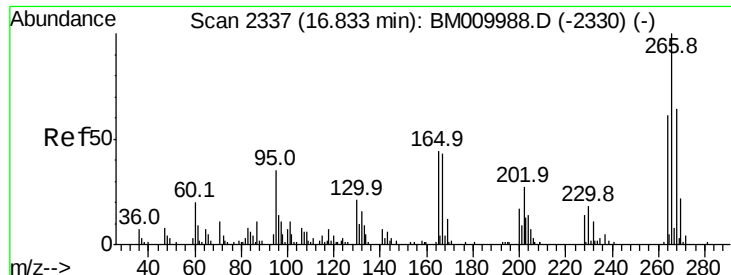
Acq: 16 May 2017 18:03

Tgt Ion:	200	Resp:	136811
Ion Ratio		Lower	Upper
200	100		
173	24.6	4.8	44.8
215	48.5	26.9	66.9



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





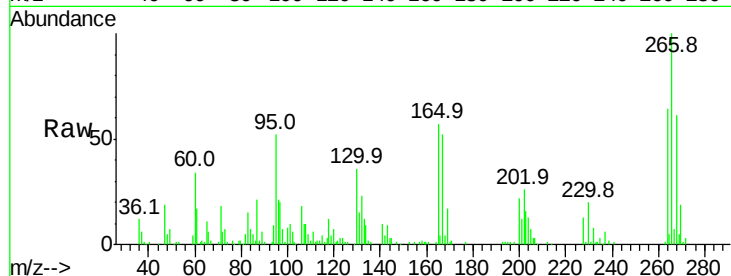
#69
 Pentachlorophenol
 Concen: 73.81 ng
 RT: 16.82 min Scan# 2334
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BS

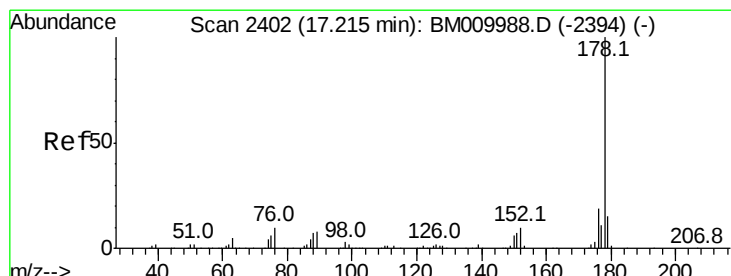
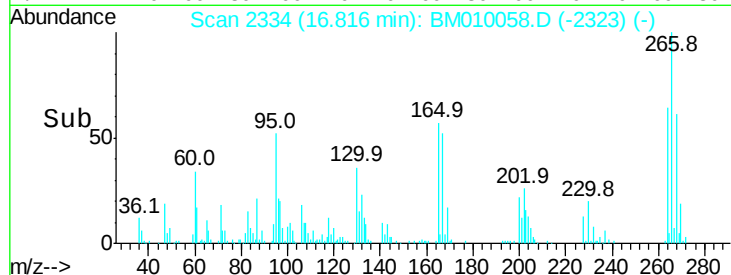
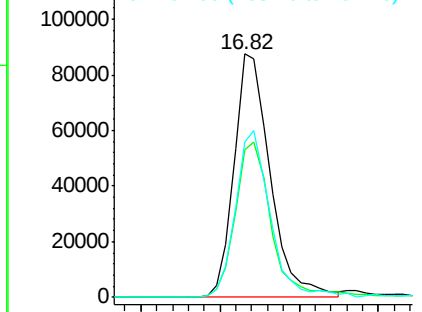
Tot Ion	Ratio	Resp	Lower	Upper
266	100	139131		
268	60.7	52.0	78.0	
264	64.0	49.0	73.4	

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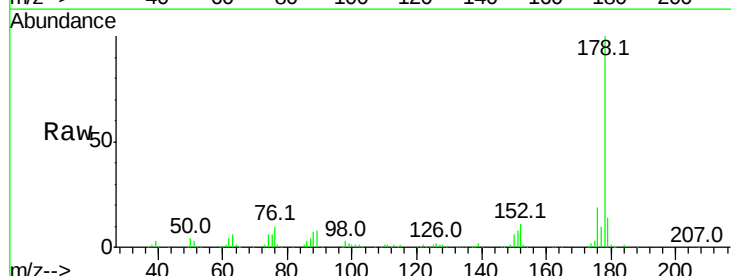


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

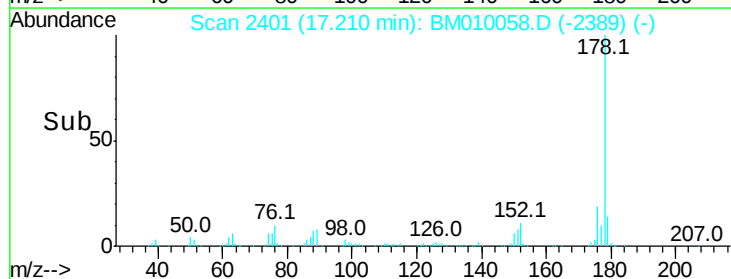
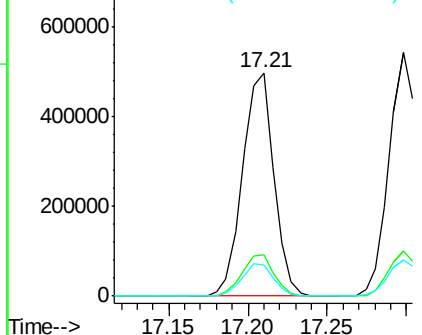


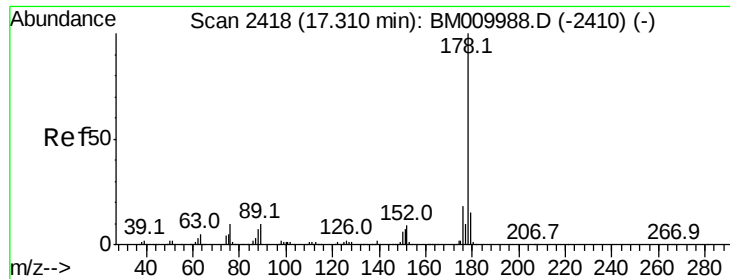
#70
 Phenanthrene
 Concen: 40.39 ng
 RT: 17.21 min Scan# 2401
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	682752		
176	18.8	15.2	22.8	
179	14.1	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





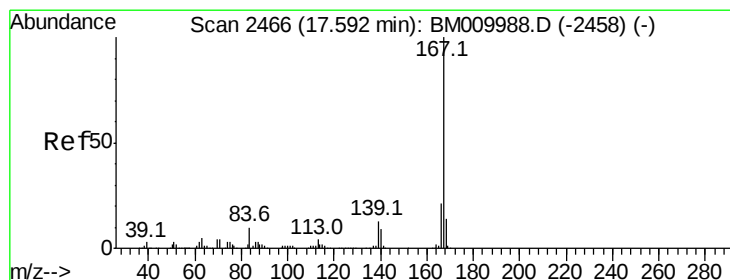
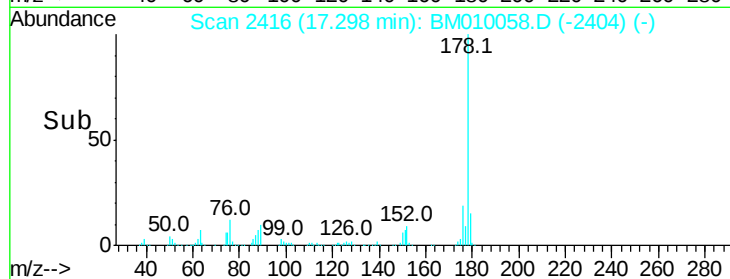
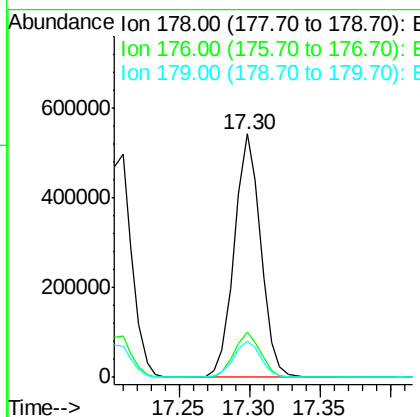
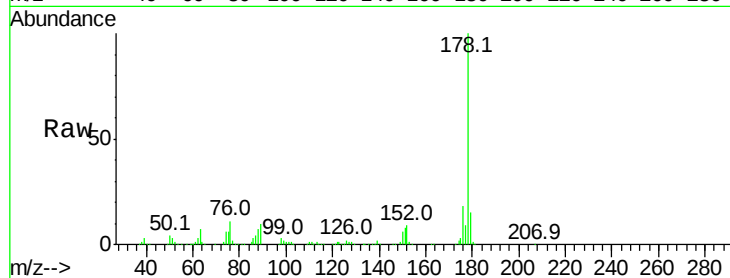
#71
 Anthracene
 Concen: 41.06 ng
 RT: 17.30 min Scan# 2416
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	14.7	12.6	19.0

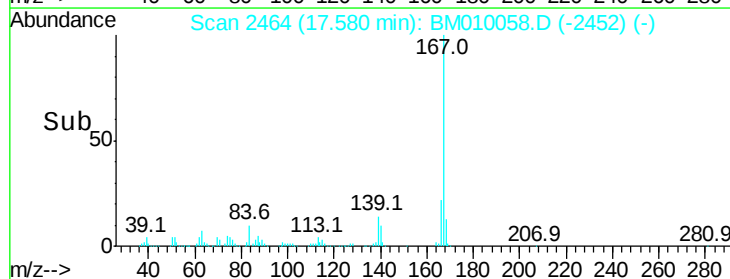
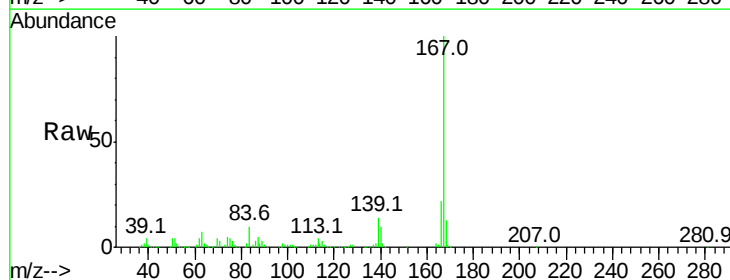
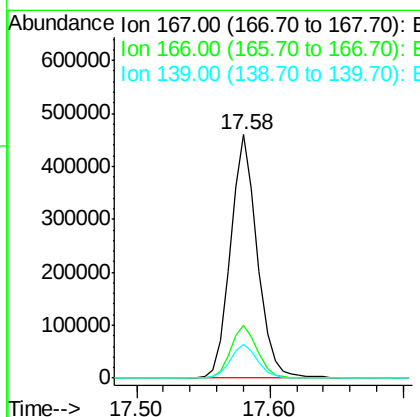
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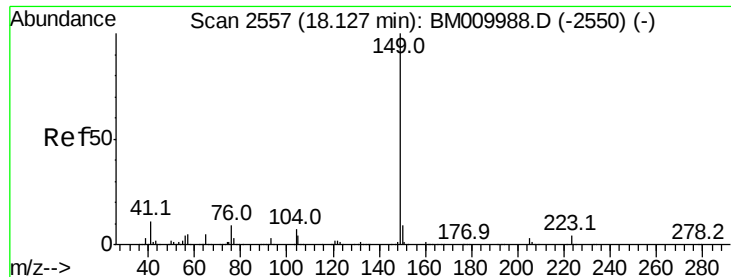
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#72
 Carbazole
 Concen: 41.85 ng
 RT: 17.58 min Scan# 2464
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	13.7	10.8	16.2





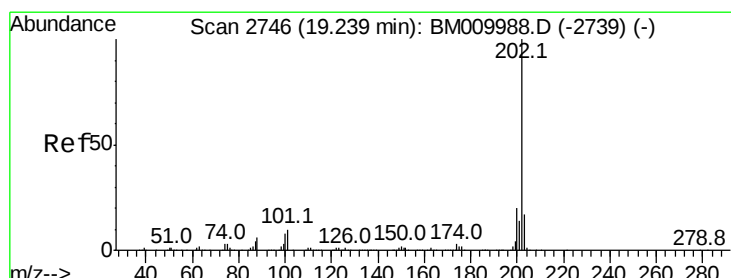
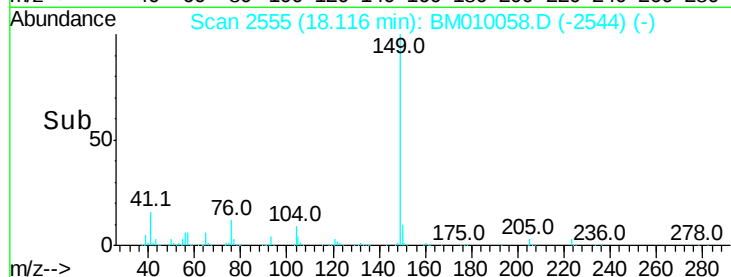
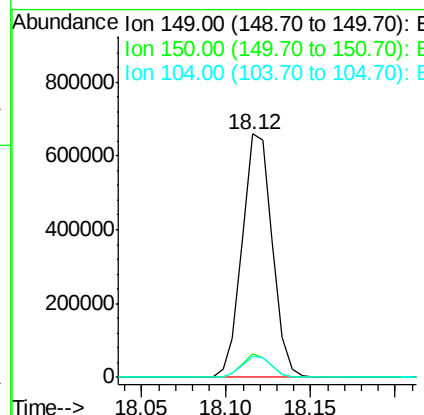
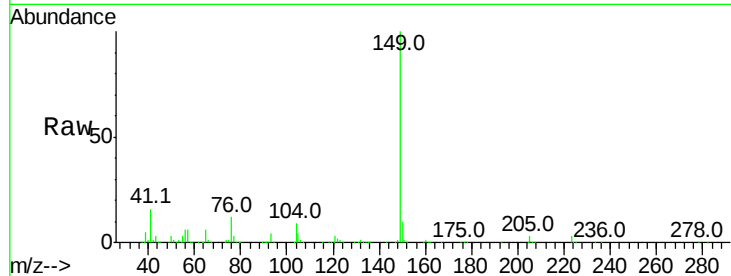
#73
Di-n-butylphthalate
Concen: 41.79 ng
RT: 18.12 min Scan# 2555
Delta R.T. -0.04 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB99002BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.5	11.3	
104	8.6	3.7	5.5	

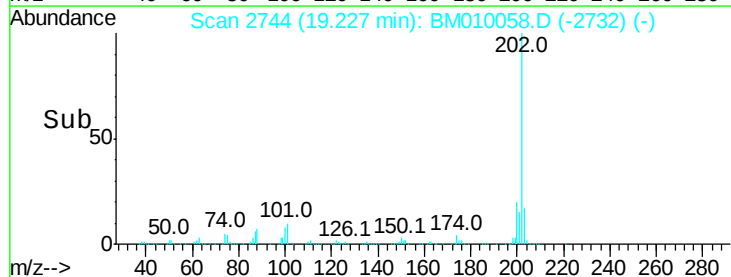
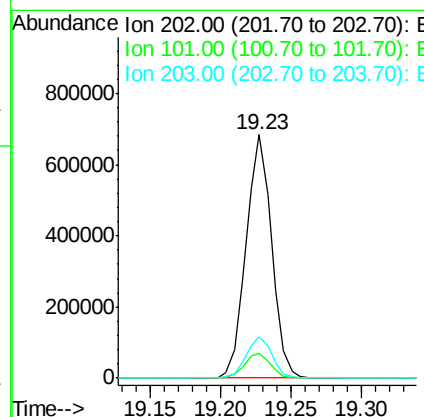
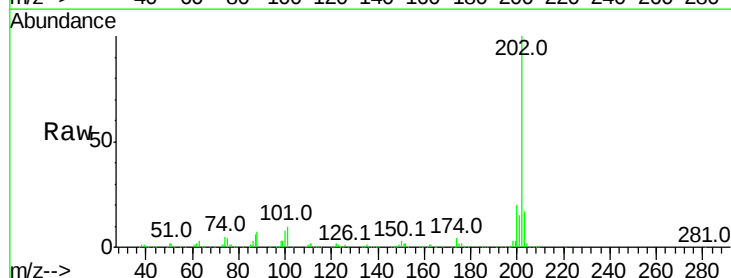
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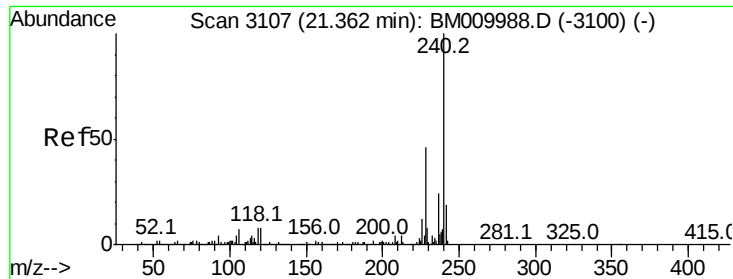
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#74
Fluoranthene
Concen: 39.88 ng
RT: 19.23 min Scan# 2744
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.1	0.0	28.7	
203	17.0	0.0	37.2	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

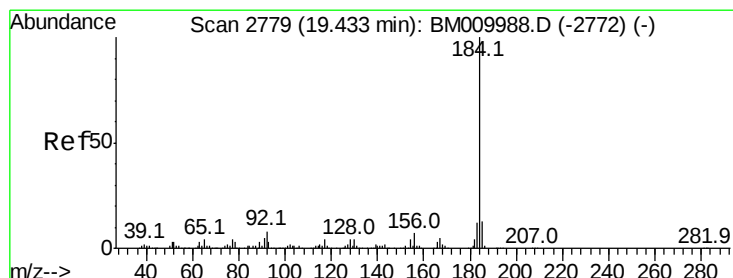
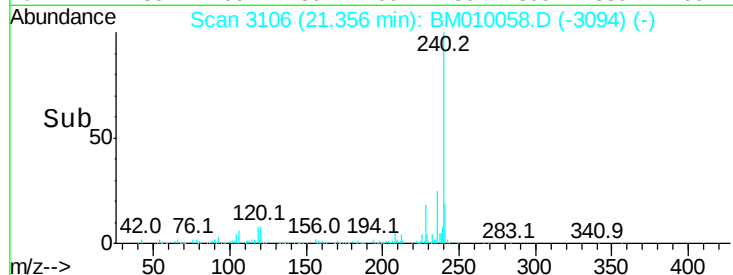
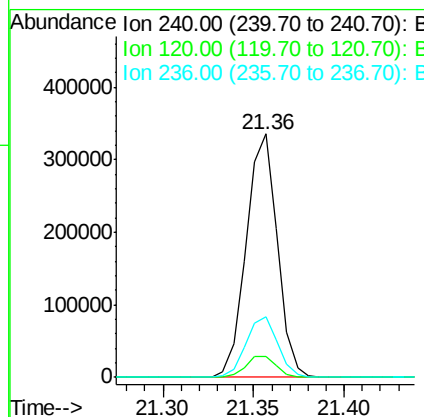
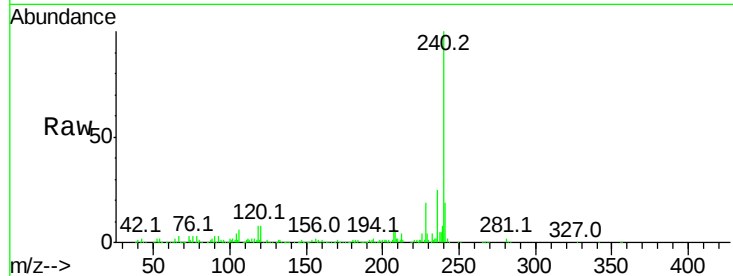
ClientSampleId :

PB99002BS

Tot Ion:	240	Resp:	398893
Ion Ratio	Lower	Upper	
240	100		
120	8.5	8.2	12.2
236	25.0	20.0	30.0

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#76

Benzidine

Concen: 45.28 ng

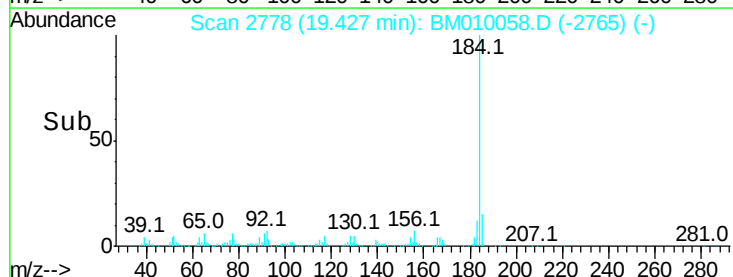
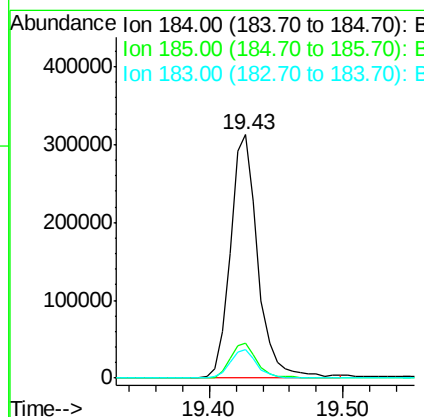
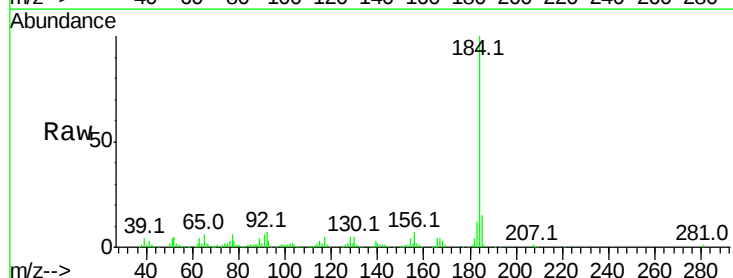
RT: 19.43 min Scan# 2778

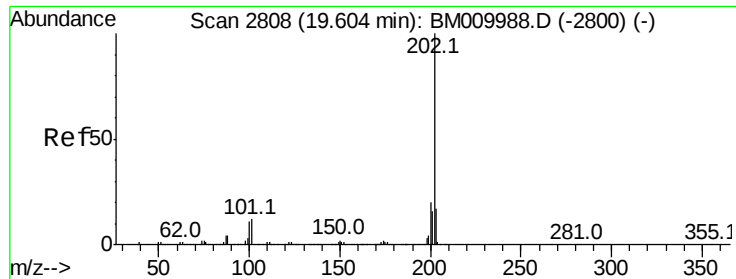
Delta R.T. -0.02 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Tgt Ion:	184	Resp:	451567
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.3	16.9
183	11.9	8.9	13.3





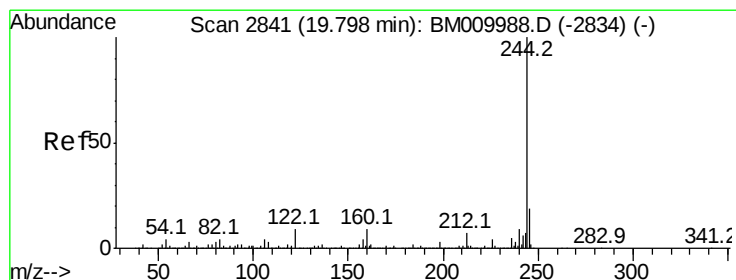
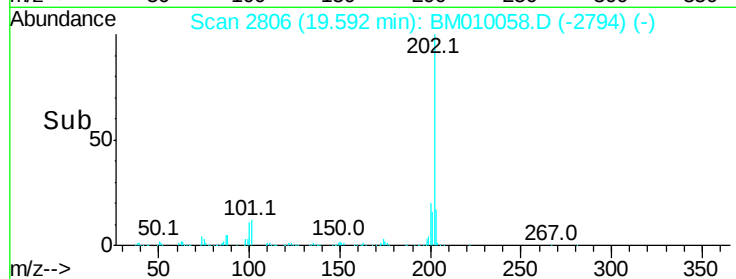
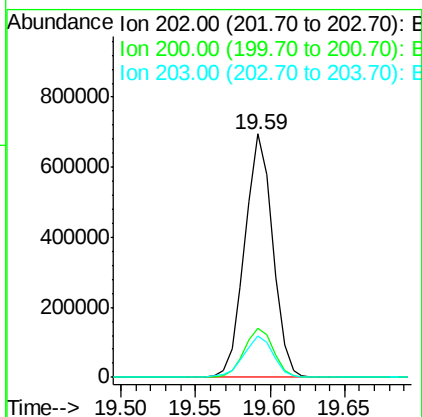
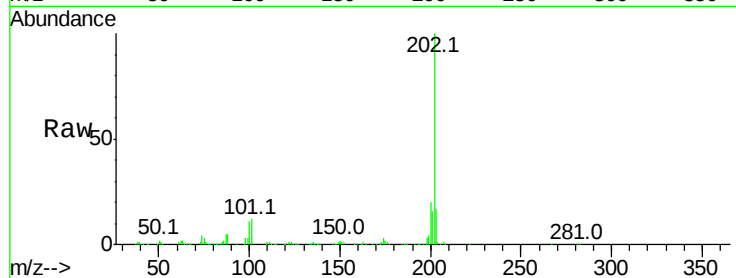
#77
Pvrene
Concen: 37.92 ng
RT: 19.59 min Scan# 2806
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB99002BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.0	16.9	25.3
203	17.1	14.1	21.1

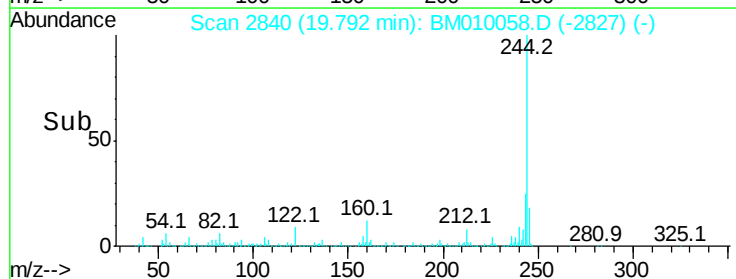
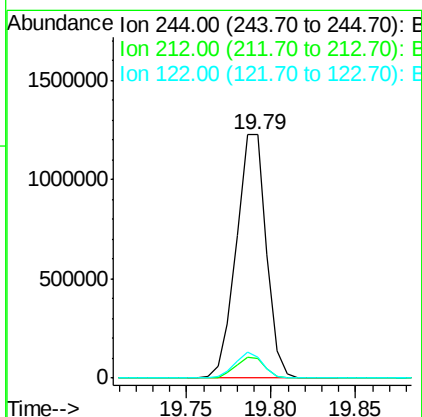
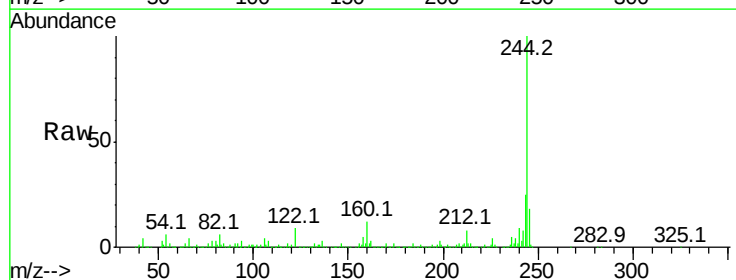
Manual Integrations
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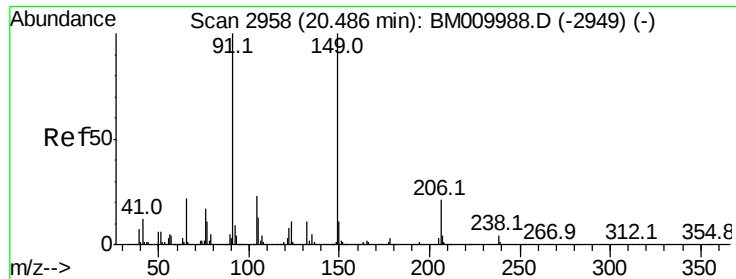
mohammad
5/17/2017 5:46:46 PM



#78
Terphenyl-d14
Concen: 80.13 ng
RT: 19.79 min Scan# 2840
Delta R.T. -0.02 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	8.7	6.2	9.4





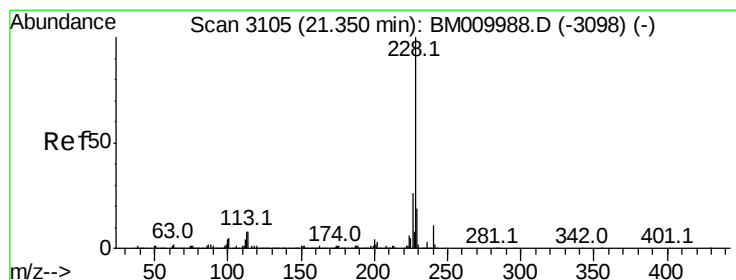
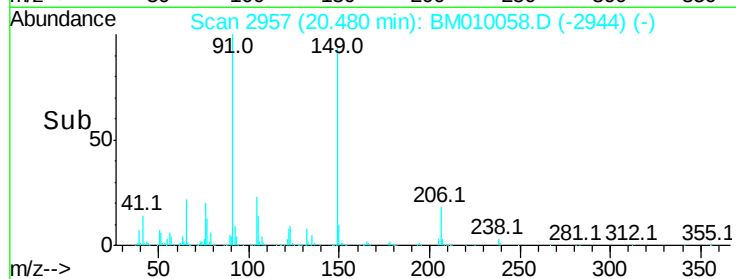
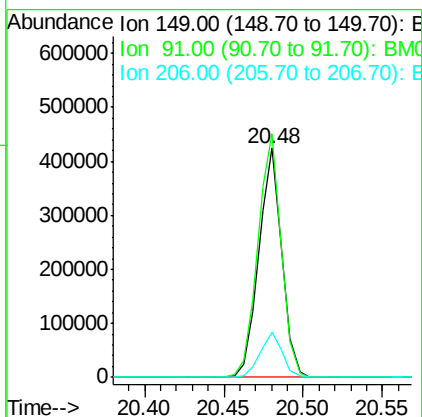
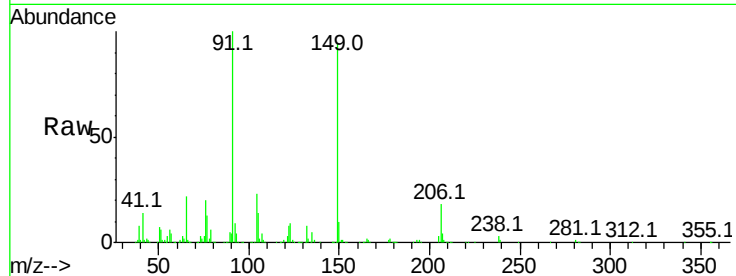
#79
Butylbenzylphthalate
Concen: 43.53 ng
RT: 20.48 min Scan# 2957
Delta R.T. -0.02 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB99002BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	106.3	50.1	75.1#
206	19.6	16.2	24.2

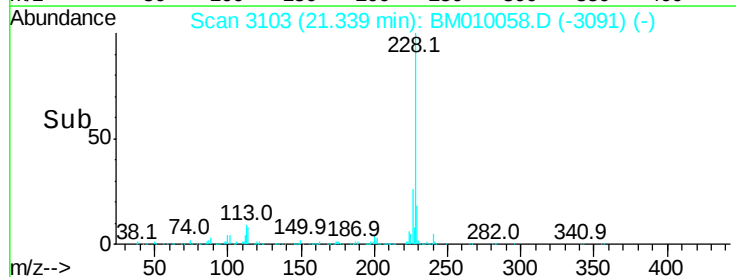
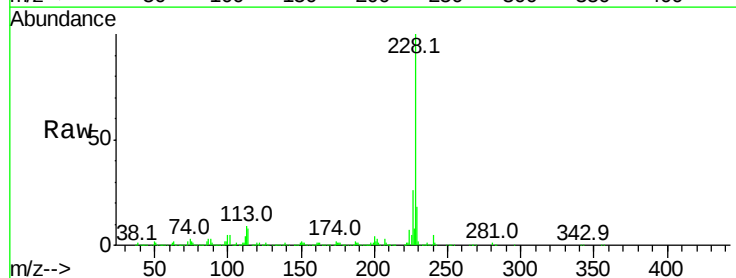
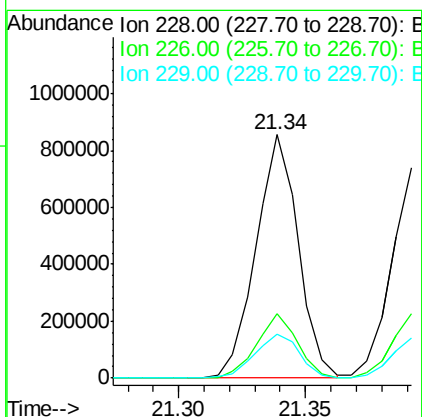
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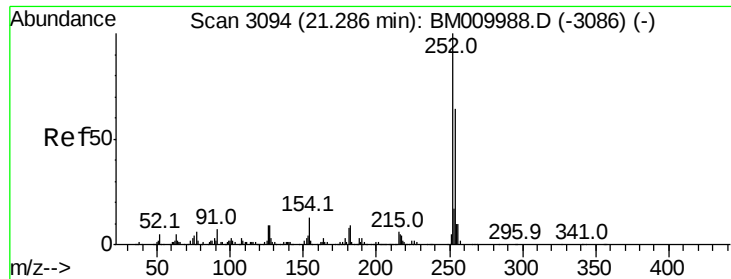
mohammad
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#80
Benzo(a)anthracene
Concen: 41.51 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.7	32.5
229	18.0	16.0	24.0





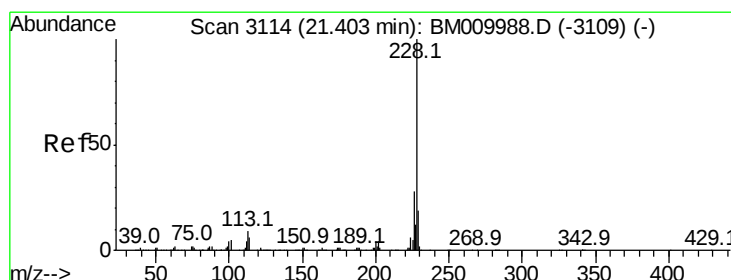
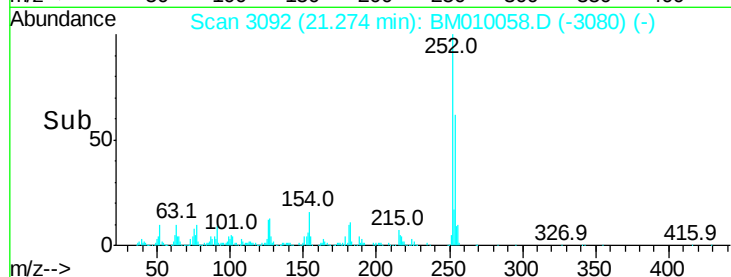
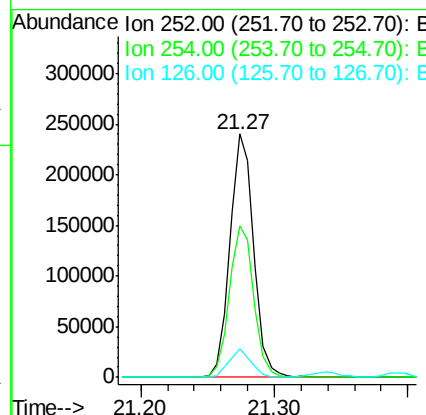
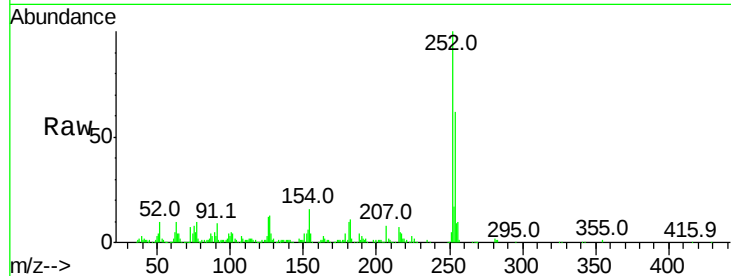
#81
 3,3'-Dichlorobenzidine
 Concen: 34.09 ng
 RT: 21.27 min Scan# 3092
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	301019		
254	62.3		51.9	77.9
126	11.6		9.8	14.8

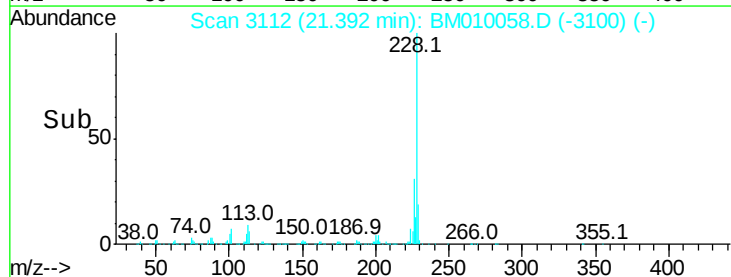
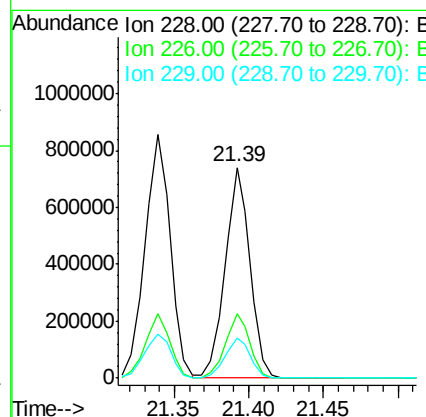
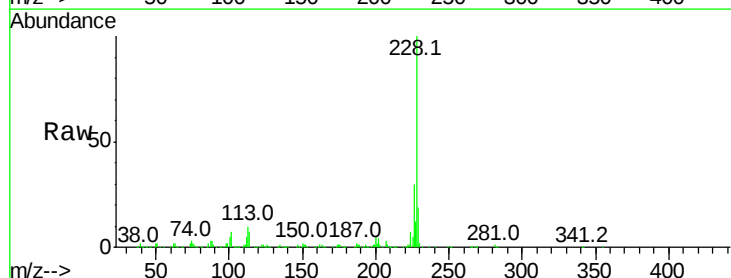
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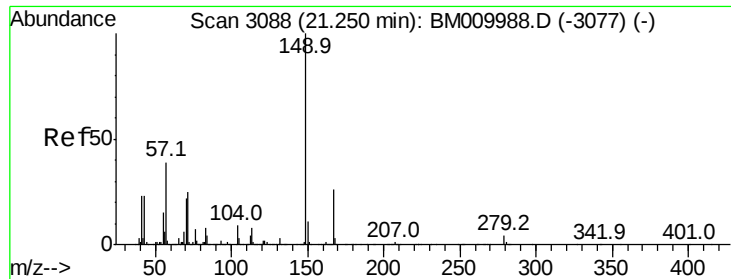
mohammad
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#82
 Chrysene
 Concen: 38.60 ng
 RT: 21.39 min Scan# 3112
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	867580		
226	30.3		24.1	36.1
229	18.9		15.5	23.3





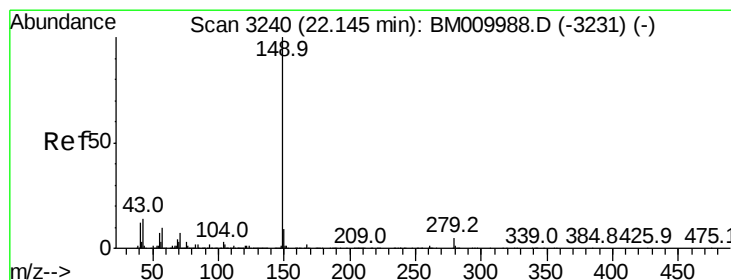
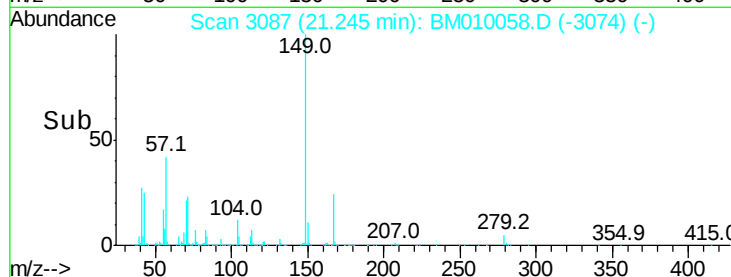
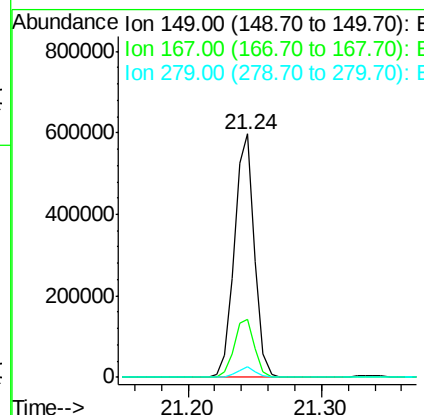
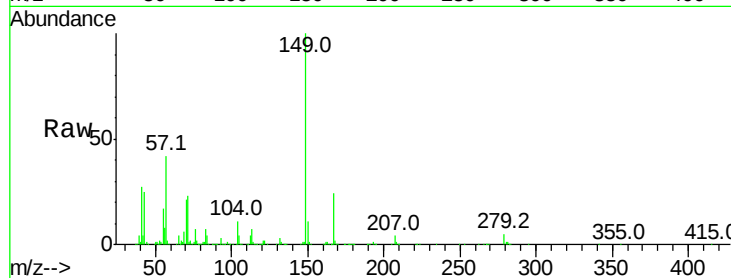
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.52 ng
 RT: 21.24 min Scan# 3087
 Delta R.T. -0.02 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	23.7	22.4	33.6
279	4.6	3.4	5.0

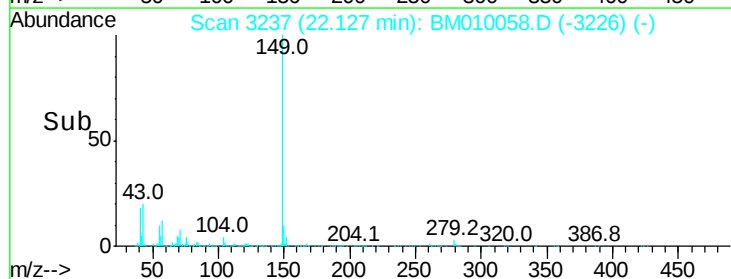
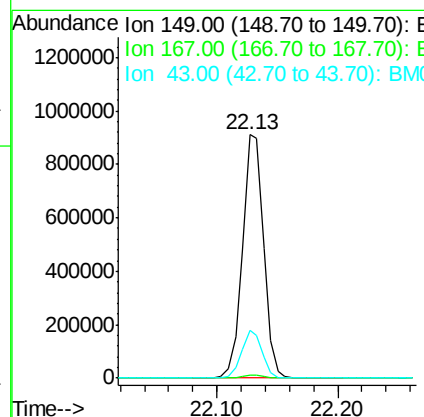
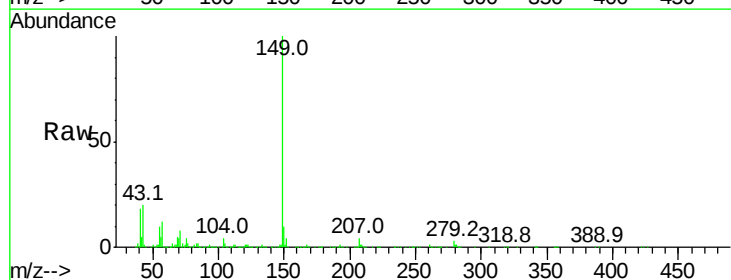
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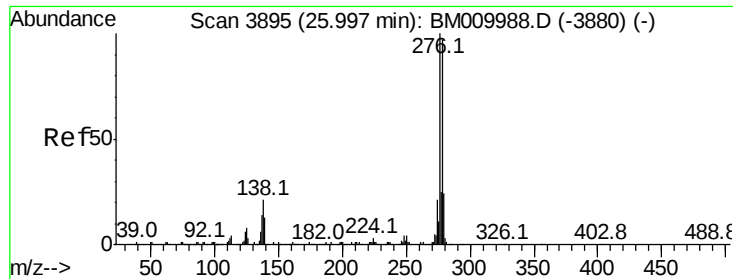
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 43.65 ng
 RT: 22.13 min Scan# 3237
 Delta R.T. -0.04 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	19.1	7.3	10.9





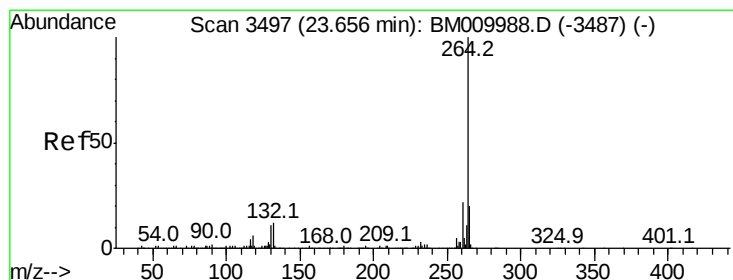
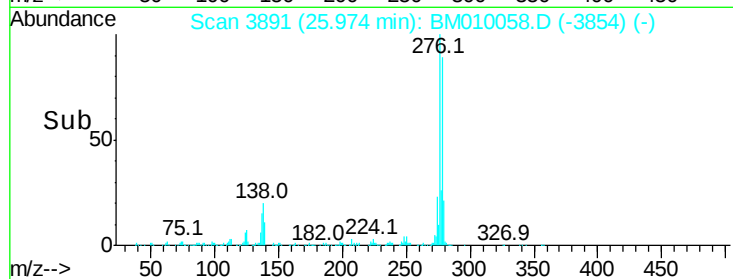
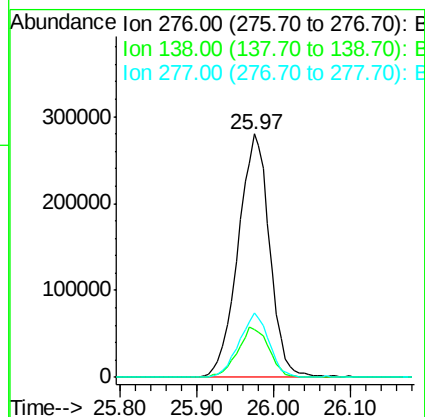
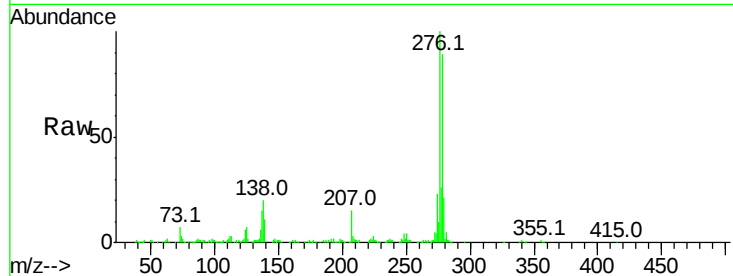
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.35 ng
RT: 25.97 min Scan# 3891
Delta R.T. -0.08 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB99002BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	20.6	0.0	0.0#
277	25.3	0.0	0.0#

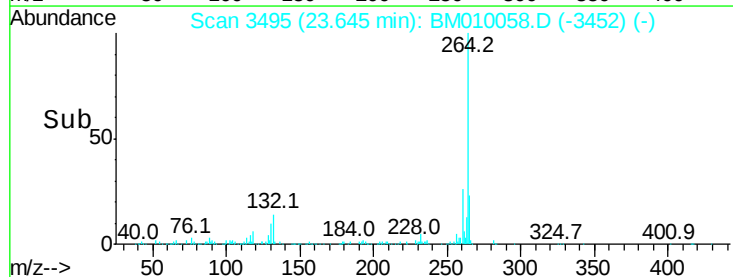
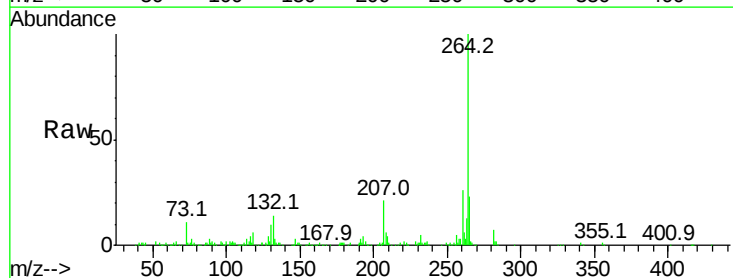
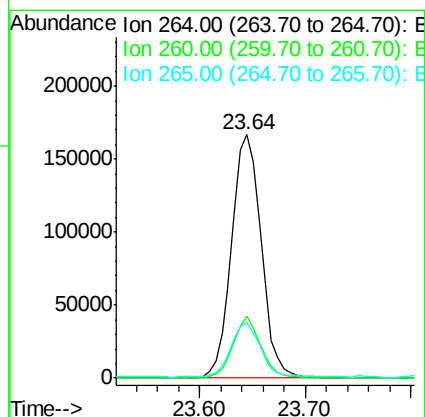
Manual Integrations
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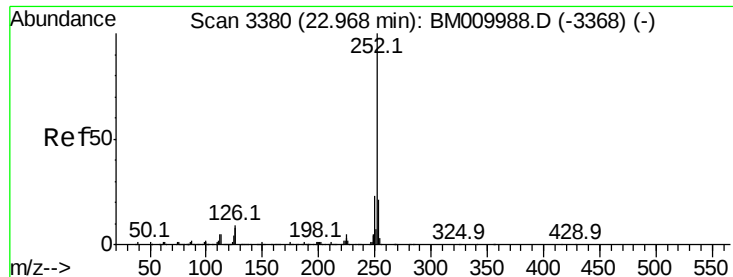
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3495
Delta R.T. -0.05 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	25.6	18.6	27.8
265	22.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 41.05 ng

RT: 22.96 min Scan# 3378

Delta R.T. -0.04 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

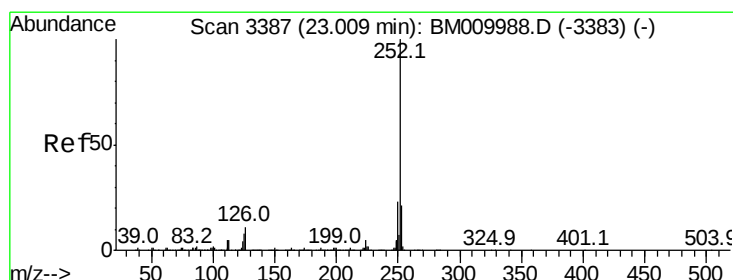
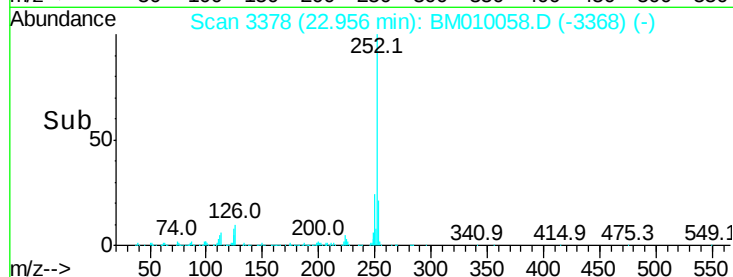
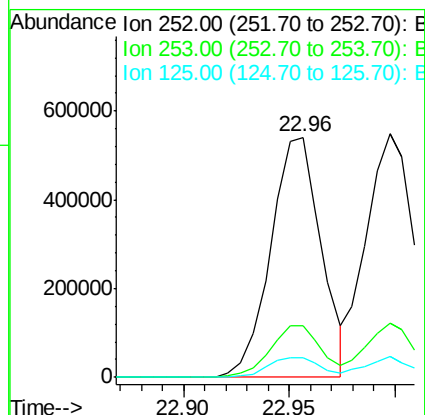
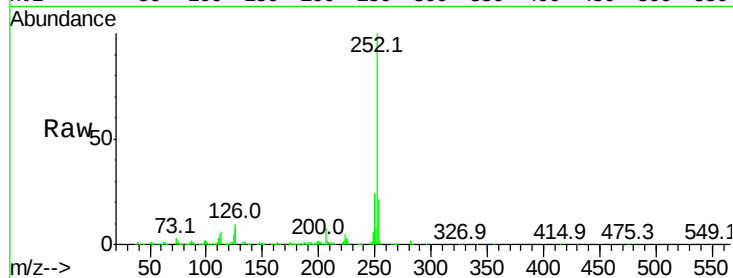
ClientSampleId :

PB99002BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	8.0	9.9	14.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 41.93 ng

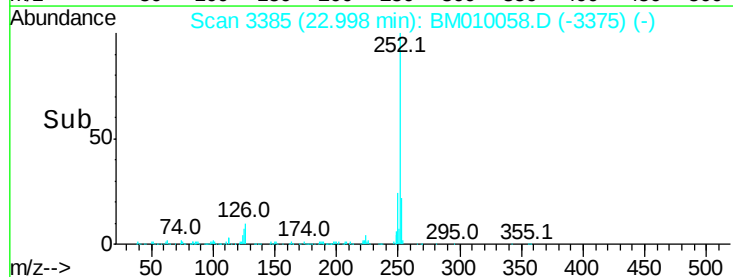
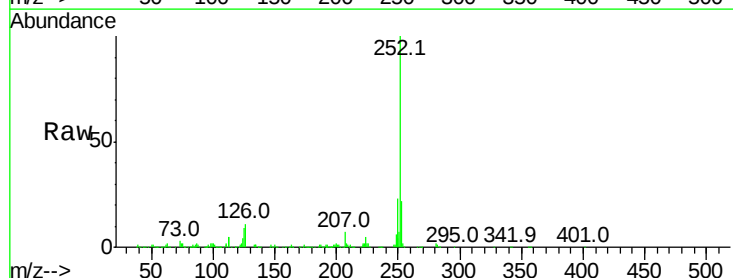
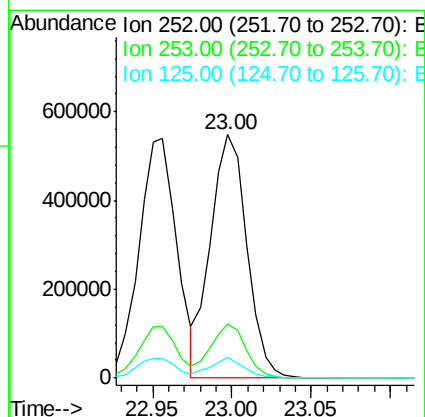
RT: 23.00 min Scan# 3385

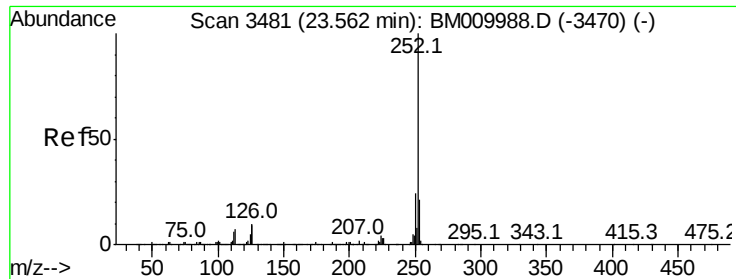
Delta R.T. -0.04 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	8.5	8.1	12.1





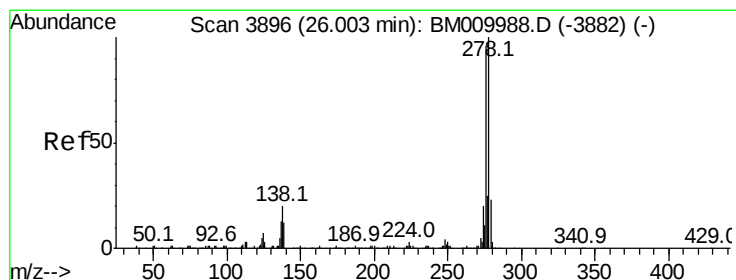
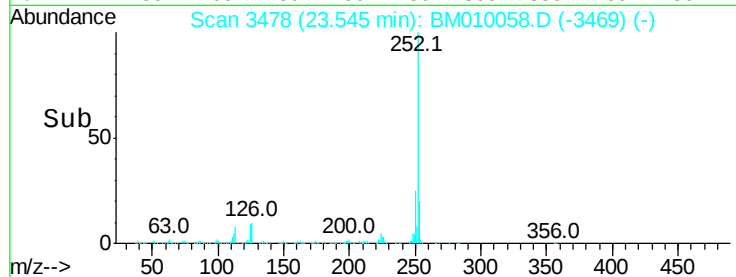
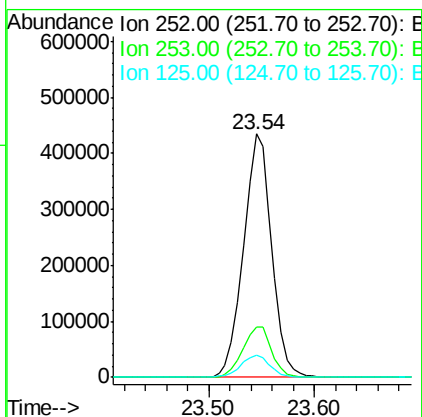
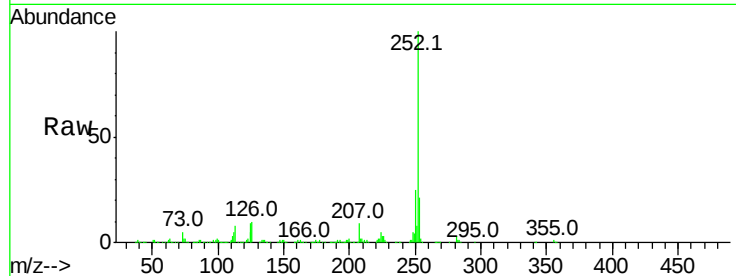
#89
Benzo(a)pyrene
Concen: 41.70 ng
RT: 23.54 min Scan# 3478
Delta R.T. -0.05 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampleId :
PB99002BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	20.6	17.6	26.4
125	9.1	7.4	11.2

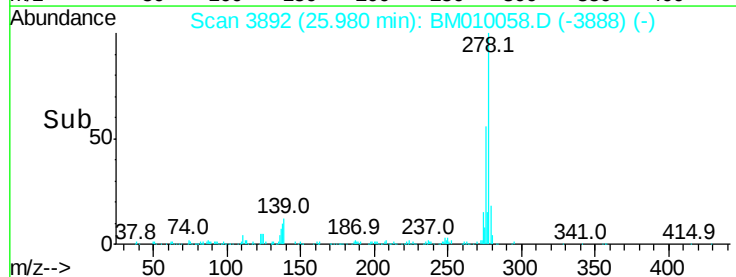
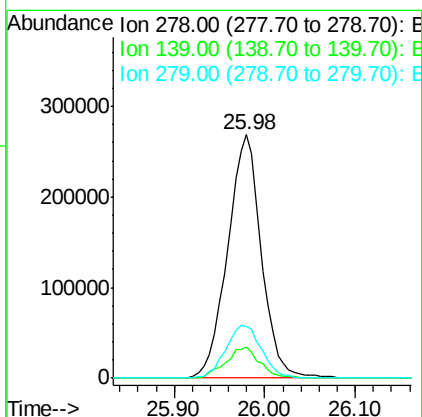
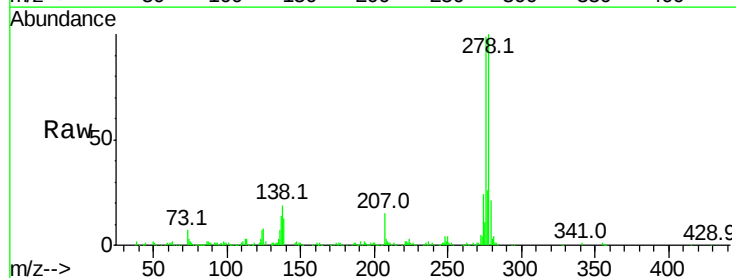
Manual Integrations
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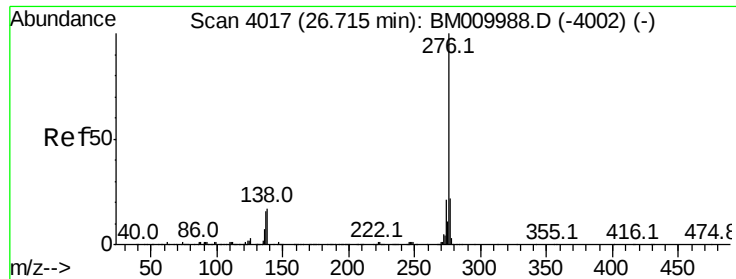
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 40.56 ng
RT: 25.98 min Scan# 3892
Delta R.T. -0.08 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	13.0	13.4	20.0#
279	21.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.46 ng
 RT: 26.69 min Scan# 4013
 Delta R.T. -0.09 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.5	27.7
138	18.5	19.0	28.6

Manual Integrations
 APPROVED

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 5/17/2017 5:46:46 PM

