

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051617\
 Data File : BM010059.D
 Acq On : 16 May 2017 18:39
 Operator : SJ/MA
 Sample : PB99002BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BSD

Manual Integrations
 APPROVED

mohammad
 5/17/2017 5:46:55 PM

Quant Time: May 17 05:45:46 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	33953	20.00	ng	-0.03
21) Naphthalene-d8	10.55	136	152076	20.00	ng	-0.04
38) Acenaphthene-d10	14.41	164	105089	20.00	ng	-0.03
63) Phenanthrene-d10	17.16	188	276084	20.00	ng	-0.04
75) Chrysene-d12	21.36	240	386433	20.00	ng	-0.03
86) Perylene-d12	23.64	264	322902	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	223527	103.02	ng	-0.02
7) Phenol-d6	6.93	99	344406	99.07	ng	-0.04
23) Nitrobenzene-d5	8.93	82	408990	98.28	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	130762	90.92	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	697893	88.81	ng	-0.04
78) Terphenyl-d14	19.79	244	1468051	80.07	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	26864	33.42	ng	# 100
3) Pyridine	3.68	79	96478	32.57	ng	# 84
4) n-Nitrosodimethylamine	3.59	42	85632	52.77	ng	# 44
6) Aniline	7.09	93	122325	27.10	ng	# 80
8) 2-Chlorophenol	7.32	128	106513	45.22	ng	# 65
9) Benzaldehyde	6.92	77	70665	27.16	ng	# 69
10) Phenol	6.96	94	178139	47.15	ng	# 95
11) bis(2-Chloroethyl)ether	7.19	93	118077	40.20	ng	# 85
12) 1,3-Dichlorobenzene	7.64	146	97237	36.98	ng	# 74
13) 1,4-Dichlorobenzene	7.79	146	101396	37.63	ng	# 93
14) 1,2-Dichlorobenzene	8.10	146	103585	39.65	ng	# 89
15) Benzyl Alcohol	8.01	79	147874	49.91	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	8.29	45	199821	42.86	ng	# 99
17) 2-Methylphenol	8.21	107	108446	43.98	ng	# 74
18) Hexachloroethane	8.82	117	50943	45.60	ng	# 97
19) n-Nitroso-di-n-propylamine	8.56	70	136939	43.41	ng	# 75
20) 3+4-Methylphenols	8.54	107	153589	45.75	ng	# 81
22) Acetophenone	8.59	105	203692	43.81	ng	# 78
24) Nitrobenzene	8.97	77	208927	47.18	ng	# 84
25) Isophorone	9.49	82	334013	46.64	ng	# 87
26) 2-Nitrophenol	9.67	139	58788	44.09	ng	# 30
27) 2,4-Dimethylphenol	9.73	122	114356	45.82	ng	# 72
28) bis(2-Chloroethoxy)methane	9.96	93	182727	42.35	ng	# 98
29) 2,4-Dichlorophenol	10.22	162	114235	47.04	ng	# 89
30) 1,2,4-Trichlorobenzene	10.41	180	114206	40.27	ng	# 98
31) Naphthalene	10.60	128	337420	40.30	ng	# 97
32) Benzoic acid	9.92	122	77724	46.55	ng	# 60
33) 4-Chloroaniline	10.74	127	44952	12.63	ng	# 74
34) Hexachlorobutadiene	10.86	225	74755	38.74	ng	# 96
35) Caprolactam	11.55	113	42414m	44.70	ng	# 87
36) 4-Chloro-3-methylphenol	11.86	107	152415	46.96	ng	# 75
37) 2-Methylnaphthalene	12.22	142	262800	43.85	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	141851	37.09	ng	# 100
40) Hexachlorocyclopentadiene	12.55	237	87218	85.63	ng	# 100

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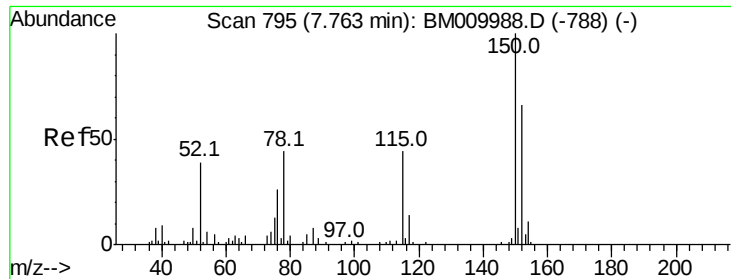
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.84	196	97467	41.39	nq	89
43) 2,4,5-Trichlorophenol	12.92	196	103877	40.61	nq	# 77
45) 1,1'-Biphenyl	13.23	154	356123	40.72	nq	94
46) 2-Chloronaphthalene	13.28	162	279915	40.73	nq	# 93
47) 2-Nitroaniline	13.51	65	163755	52.63	nq	# 57
48) Acenaphthylene	14.13	152	467175	43.17	nq	98
49) Dimethylphthalate	13.87	163	393201	42.45	nq	100
50) 2,6-Dinitrotoluene	14.00	165	82112	43.74	nq	# 12
51) Acenaphthene	14.47	154	278780	40.88	nq	97
52) 3-Nitroaniline	14.34	138	61794	31.00	nq	# 31
53) 2,4-Dinitrophenol	14.57	184	93249	83.09	nq	# 66
54) Dibenzofuran	14.81	168	483774	46.30	nq	# 90
55) 4-Nitrophenol	14.67	139	129874	97.29	nq	# 1
56) 2,4-Dinitrotoluene	14.80	165	133495	48.07	nq	# 38
57) Fluorene	15.46	166	405794	44.05	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.04	232	103460	46.82	nq	# 100
59) Diethylphthalate	15.23	149	441914	45.44	nq	97
60) 4-Chlorophenyl-phenylether	15.45	204	203085	40.37	nq	96
61) 4-Nitroaniline	15.52	138	93823	46.20	nq	# 1
62) Azobenzene	15.74	77	709466	60.12	nq	74
64) 4,6-Dinitro-2-methylphenol	15.57	198	69366	39.50	nq	# 72
65) n-Nitrosodiphenylamine	15.67	169	354824	41.42	nq	99
66) 4-Bromophenyl-phenylether	16.35	248	129806	39.59	nq	# 88
67) Hexachlorobenzene	16.46	284	141053	38.76	nq	# 79
68) Atrazine	16.63	200	137441	43.90	nq	97
69) Pentachlorophenol	16.82	266	139403	78.46	nq	93
70) Phenanthrene	17.21	178	669493	42.25	nq	99
71) Anthracene	17.30	178	708423	43.82	nq	99
72) Carbazole	17.58	167	657211	45.54	nq	99
73) Di-n-butylphthalate	18.12	149	832611	45.38	nq	# 95
74) Fluoranthene	19.23	202	868731	42.73	nq	98
76) Benzidine	19.43	184	363153	37.59	nq	97
77) Pyrene	19.59	202	926092	40.27	nq	98
79) Butylbenzylphthalate	20.48	149	436164	45.55	nq	# 59
80) Benzo(a)anthracene	21.34	228	1004519	43.26	nq	100
81) 3,3'-Dichlorobenzidine	21.27	252	298860	34.94	nq	98
82) Chrysene	21.39	228	896875	41.19	nq	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	646703	45.23	nq	93
84) Di-n-octyl phthalate	22.13	149	1118534	45.60	nq	# 76
85) Indeno(1,2,3-cd)pyrene	25.98	276	870403	47.42	nq	# 100
87) Benzo(b)fluoranthene	22.95	252	933109	42.67	nq	# 96
88) Benzo(k)fluoranthene	23.00	252	915530	44.06	nq	# 98
89) Benzo(a)pyrene	23.54	252	853886	44.29	nq	98
90) Dibenzo(a,h)anthracene	25.98	278	719596	42.30	nq	# 92
91) Benzo(g,h,i)perylene	26.69	276	678675m	43.29	nq	

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



#1

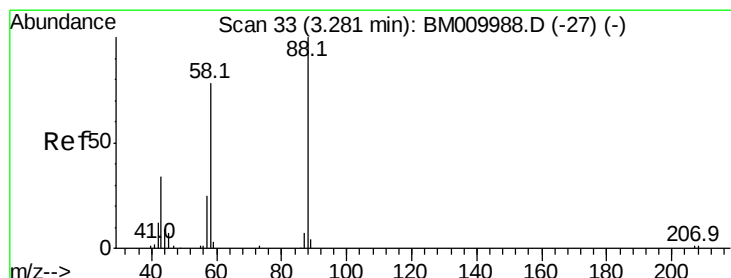
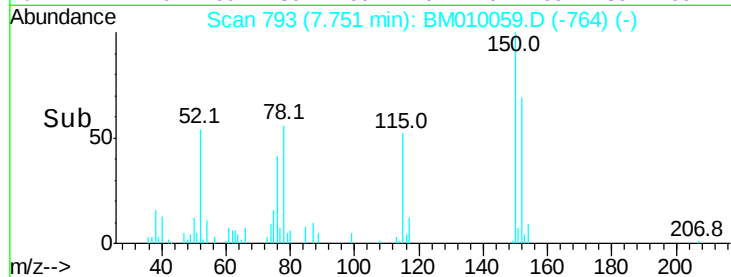
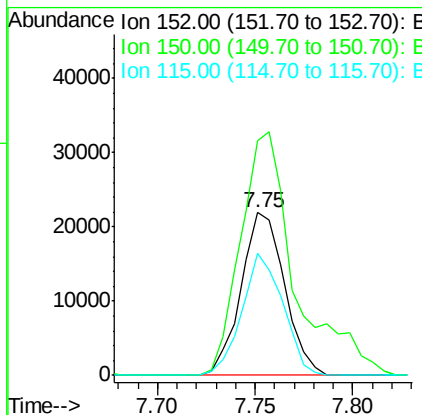
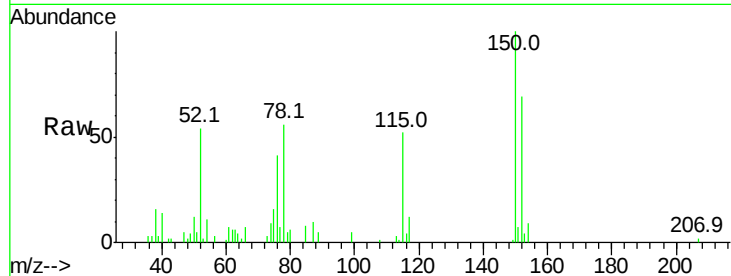
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Instrument :
BNA_M
ClientSampleID :
PB99002BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.1	119.5	179.3
115	74.8	43.0	64.4

Manual Integrations
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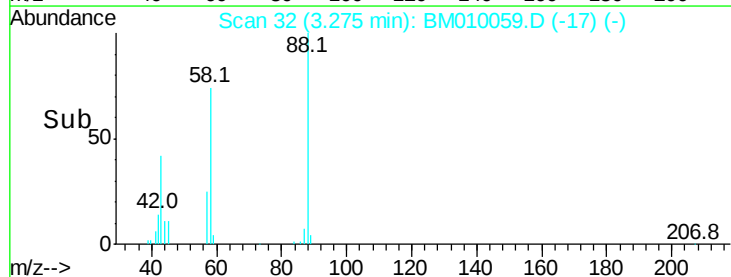
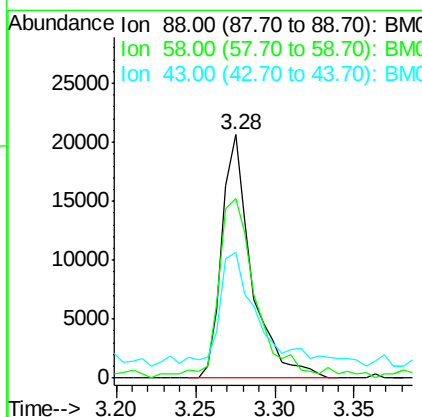
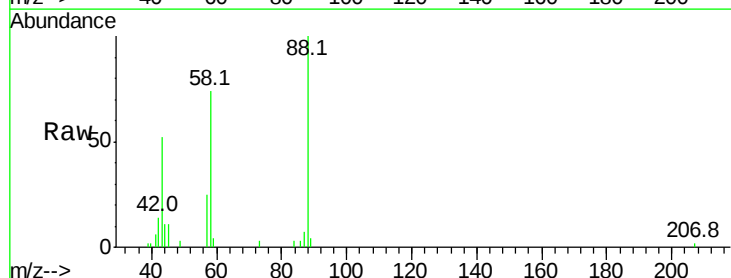
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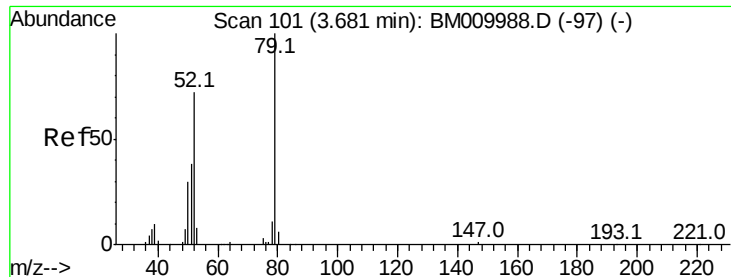


#2

1,4-Dioxane
Concen: 33.42 ng
RT: 3.28 min Scan# 32
Delta R.T. -0.01 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.9	0.0	0.0
43	58.9	0.0	0.0





#3

Pvridine

Concen: 32.57 ng

RT: 3.68 min Scan# 100

Delta R.T. -0.02 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Instrument :

BNA_M

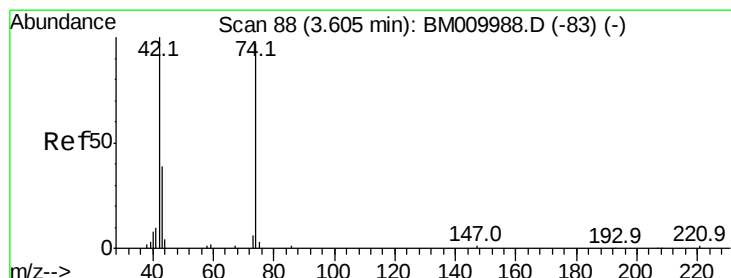
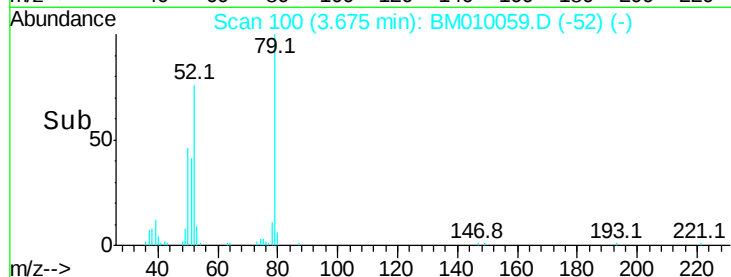
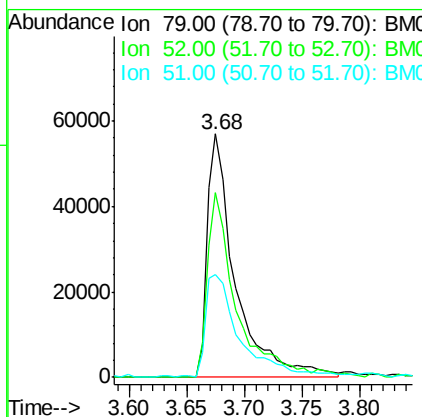
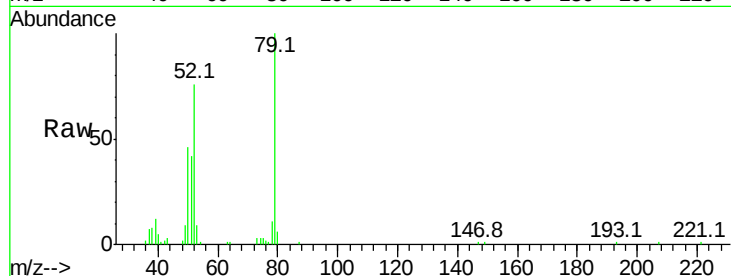
ClientSampleId :

PB99002BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.6	51.1	76.7
51	42.1	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 52.77 ng

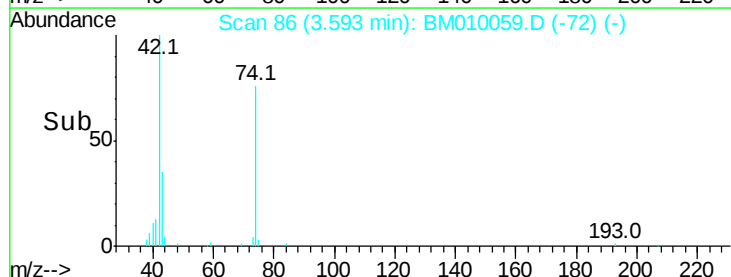
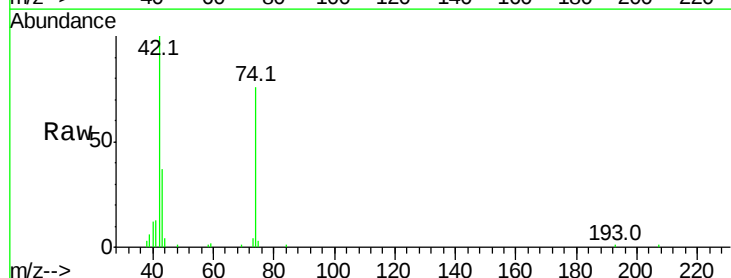
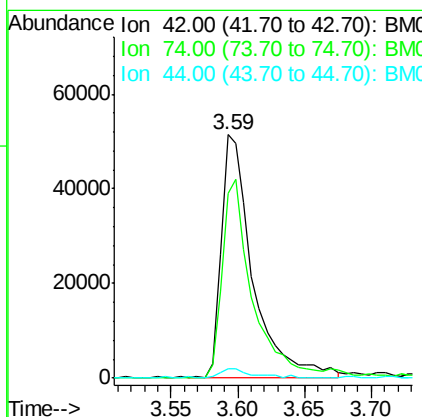
RT: 3.59 min Scan# 86

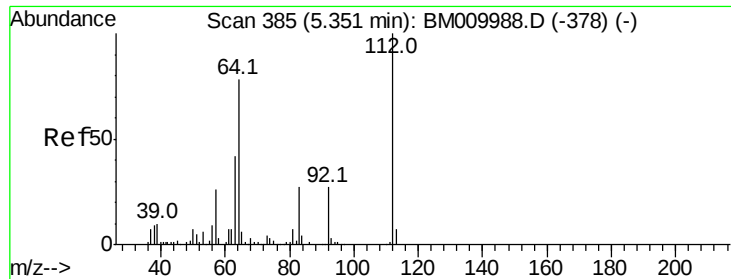
Delta R.T. -0.02 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	76.0	119.3	178.9#
44	3.8	5.4	8.2#





#5

2-Fluorophenol

Concen: 103.02 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Instrument :

BNA_M

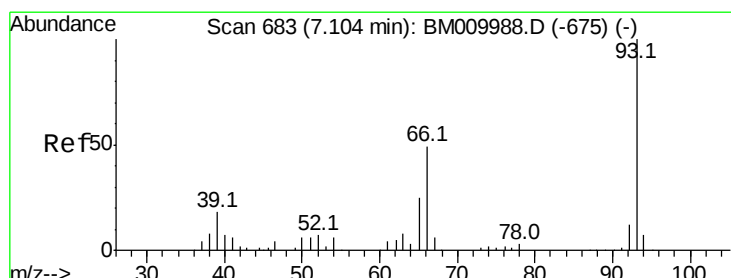
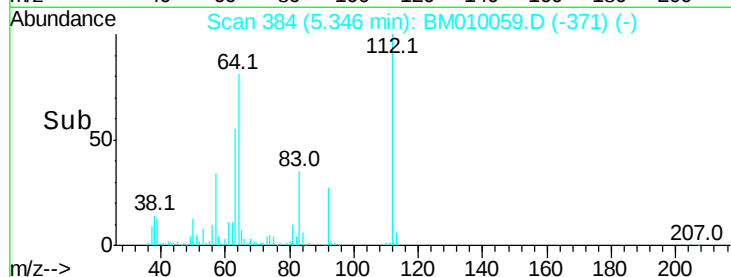
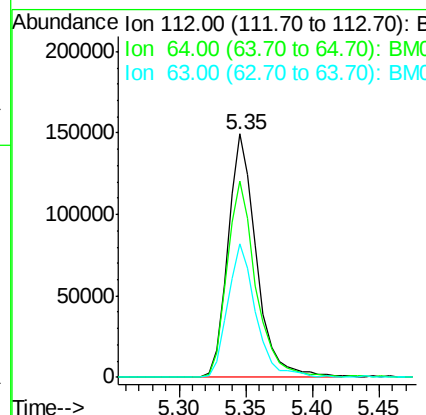
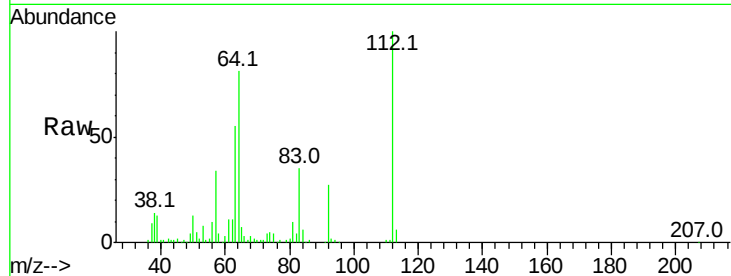
ClientSampleId :

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Tot Ion:	112	Resp:	223527
Ion Ratio	Lower	Upper	
112	100		
64	80.8	38.6	57.8#
63	54.7	19.3	28.9#

Manual Integrations
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#6

Aniline

Concen: 27.10 ng

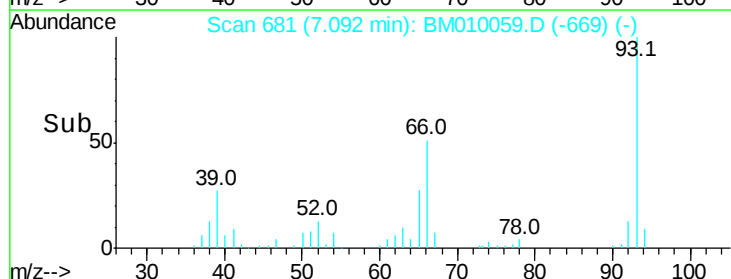
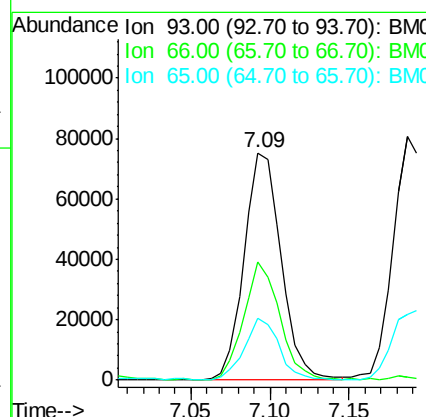
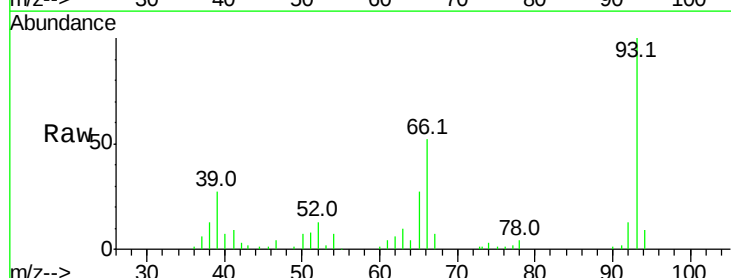
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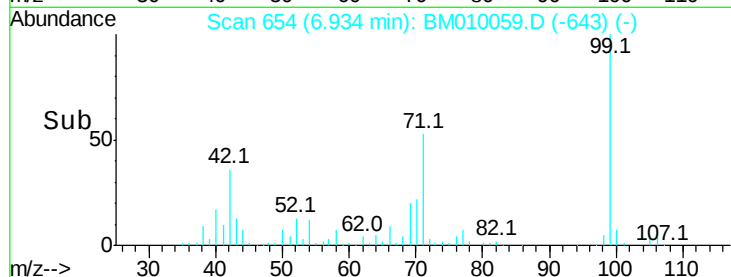
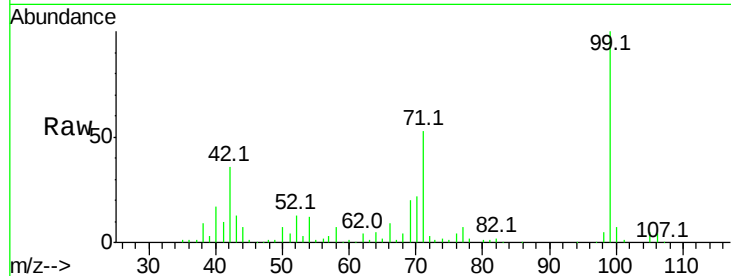
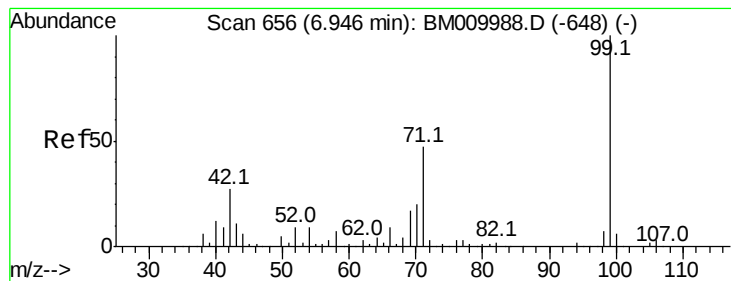
Delta R.T. -0.03 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Tgt Ion:	93	Resp:	122325
Ion Ratio	Lower	Upper	
93	100		
66	51.7	30.8	46.2#
65	27.4	16.0	24.0#





#7

Phenol-d6

Concen: 99.07 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.04 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		344406		
42	35.9	11.0	16.4#		
71	53.0	23.4	35.2#		

Instrument :

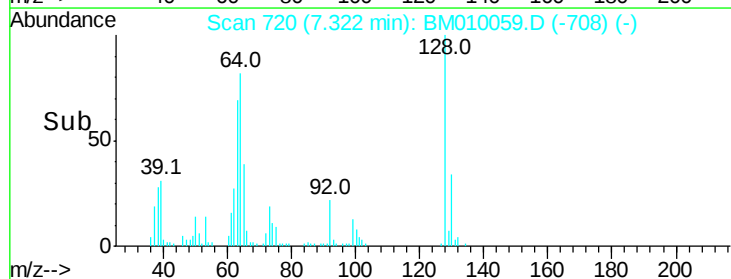
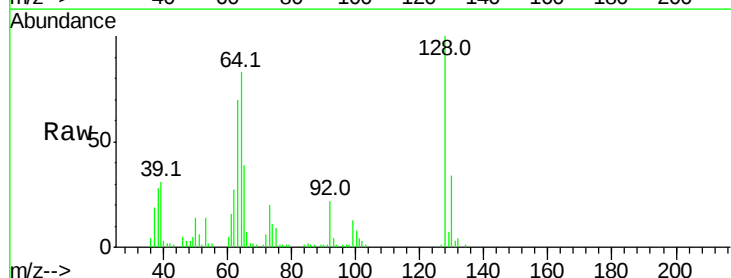
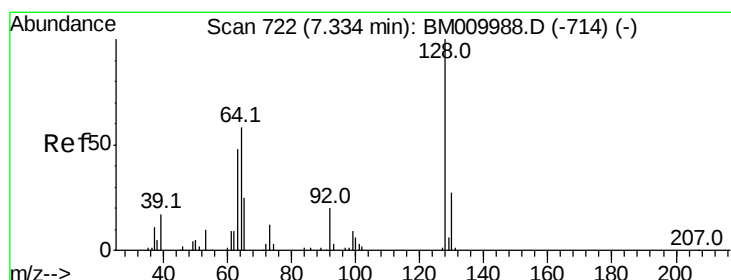
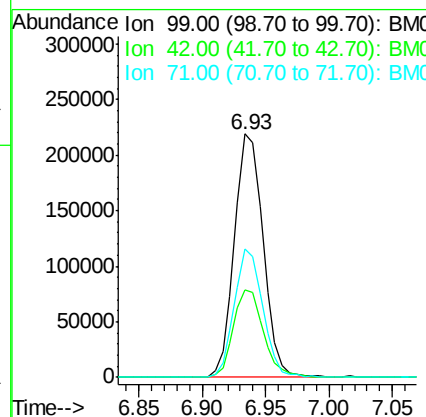
BNA_M

ClientSampleId :

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#8

2-Chlorophenol

Concen: 45.22 ng

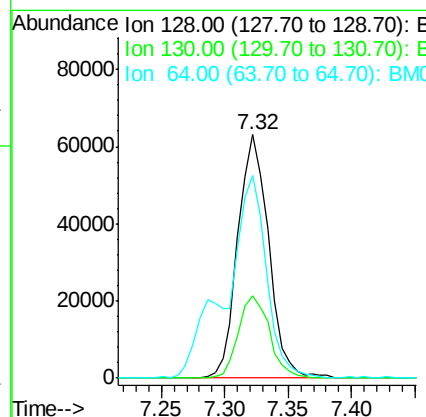
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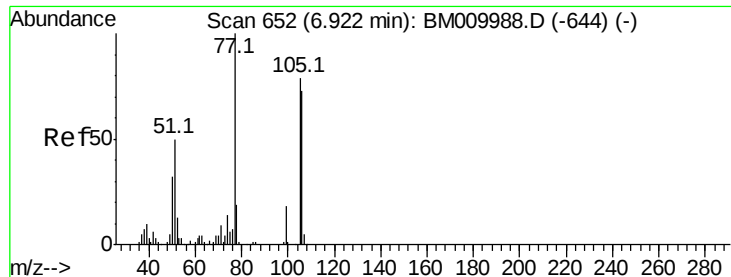
Delta R.T. -0.03 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		106513		
130	33.6	12.0	52.0		
64	83.1	24.9	64.9#		





#9

Benzaldehyde

Concen: 27.16 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Instrument :

BNA_M

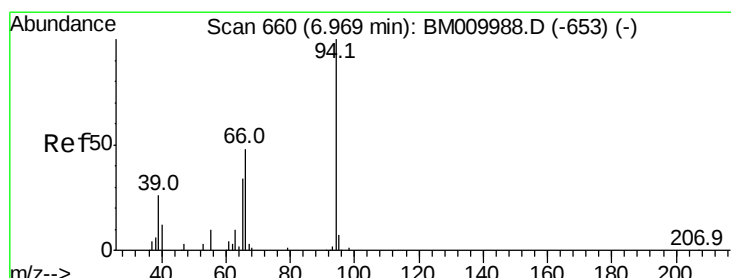
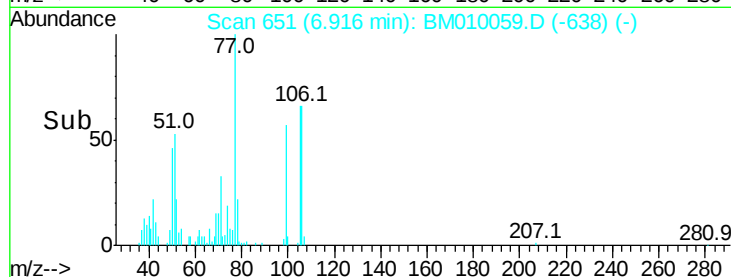
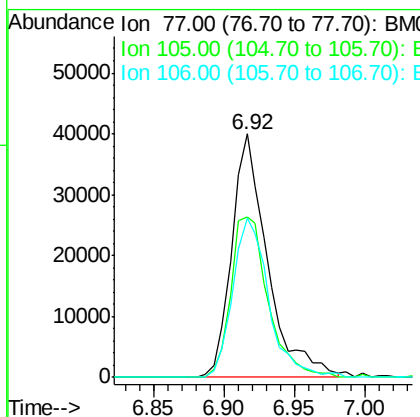
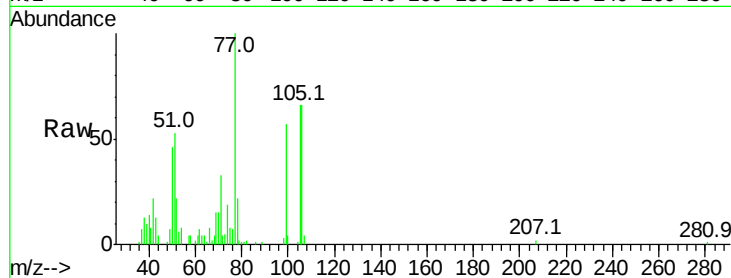
ClientSampleID :

PB99002BSD

Tot Ion:	77	Resp:	70665
Ion	Ratio	Lower	Upper
77	100		
105	65.8	78.8	118.8#
106	65.6	73.7	113.7#

Manual Integrations
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#10

Phenol

Concen: 47.15 ng

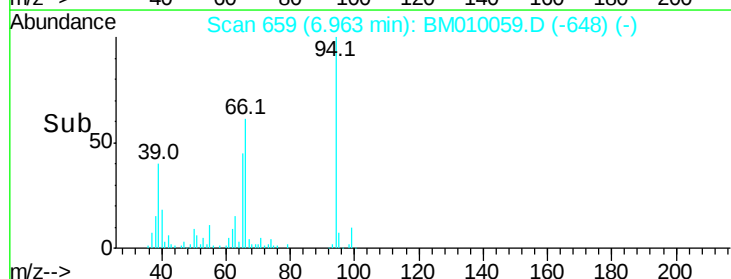
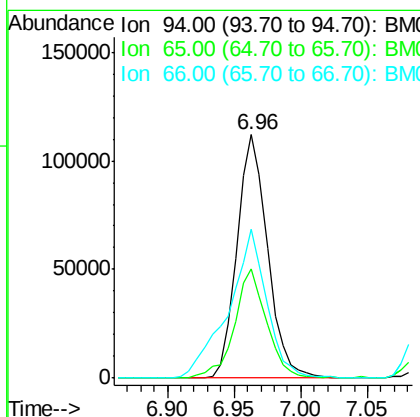
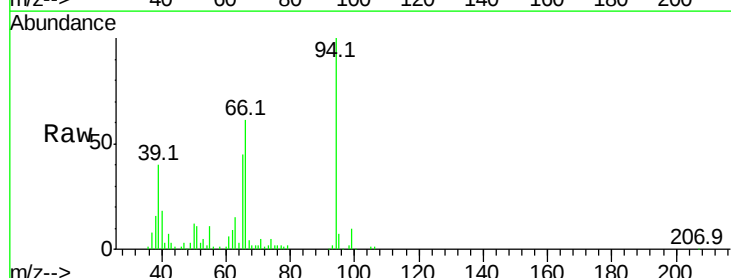
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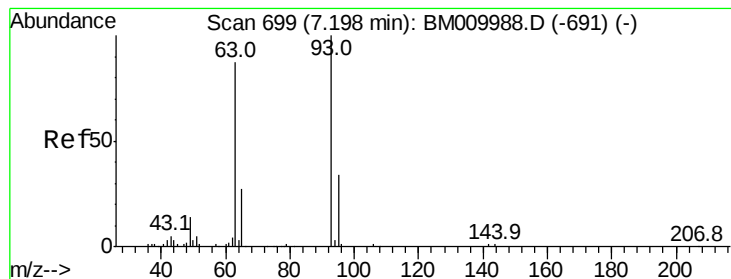
Delta R.T. -0.04 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Tgt Ion:	94	Resp:	178139
Ion	Ratio	Lower	Upper
94	100		
65	44.9	18.8	58.8
66	61.3	39.9	79.9





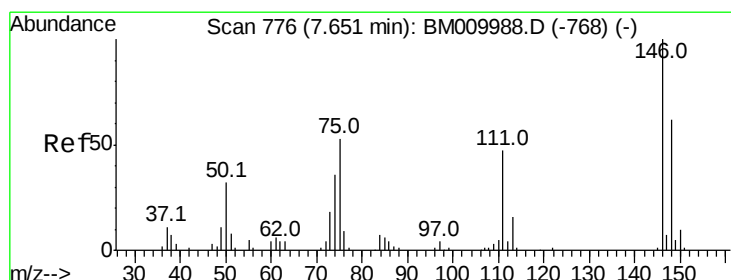
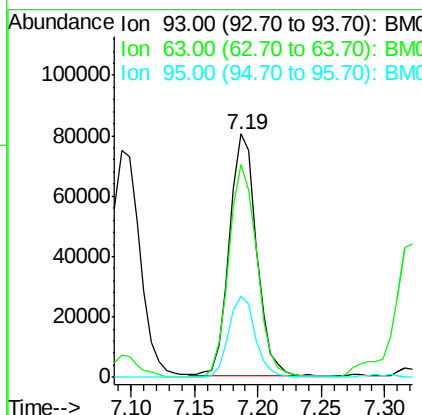
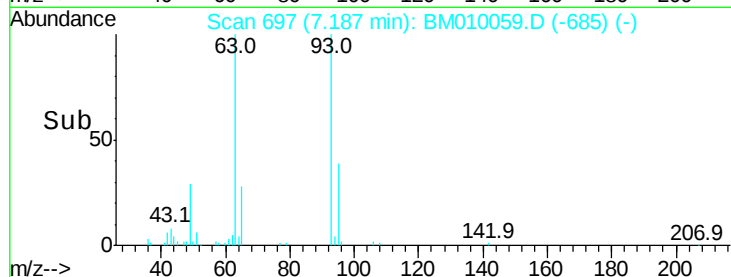
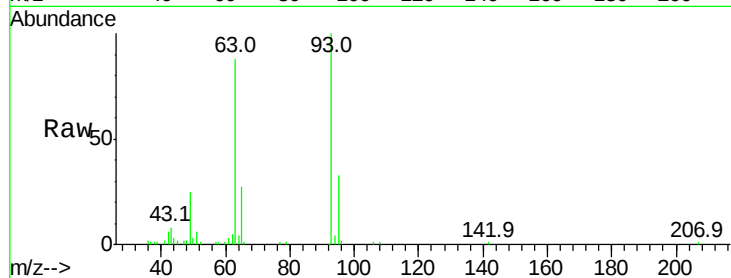
#11
bis(2-Chloroethyl)ether
Concen: 40.20 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Instrument :
BNA_M
ClientSampled :
PB99002BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	87.6	49.5	89.5	
95	33.2	13.5	53.5	

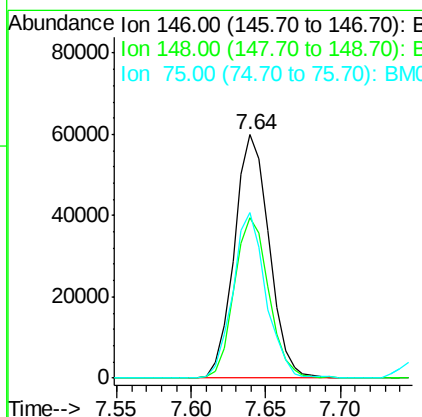
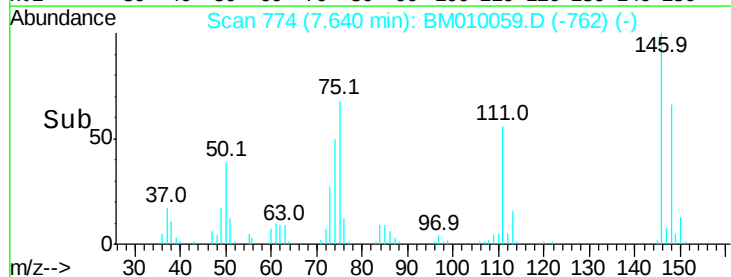
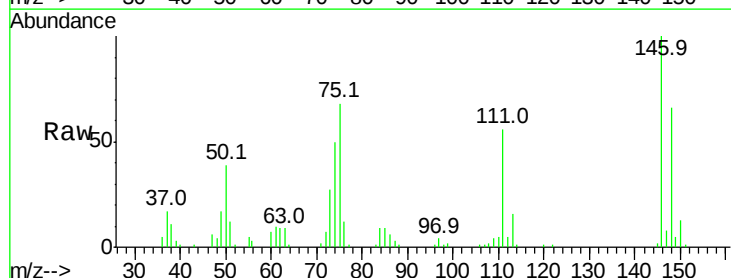
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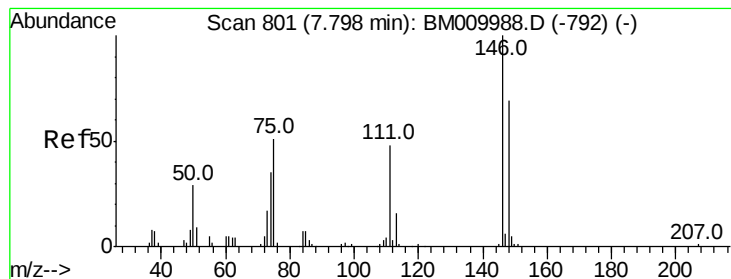
mohammad
5/17/2017 5:46:55 PM



#12
1,3-Dichlorobenzene
Concen: 36.98 ng
RT: 7.64 min Scan# 774
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.7	50.9	76.3	
75	67.9	21.4	32.2	





#13

1,4-Dichlorobenzene

Concen: 37.63 ng

RT: 7.79 min Scan# 799

Delta R.T. -0.04 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Instrument :

BNA_M

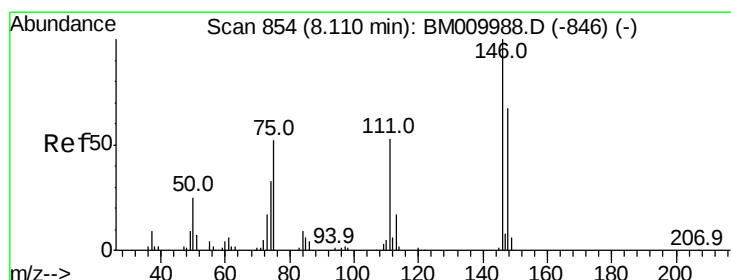
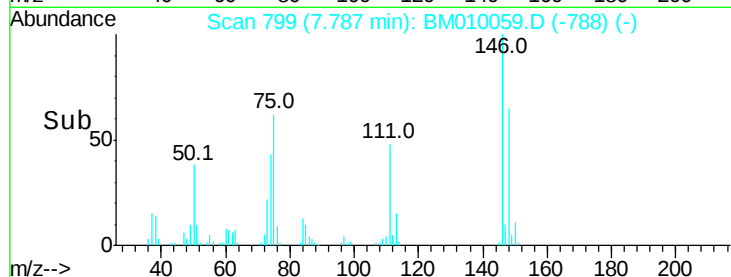
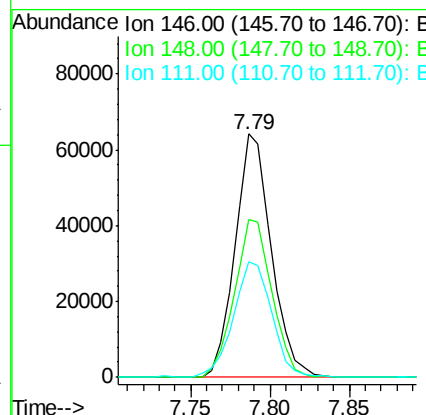
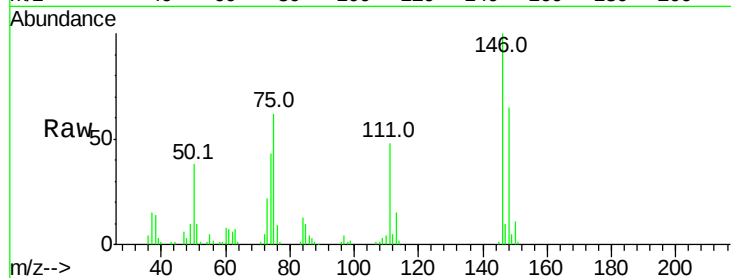
ClientSampleId :

PB99002BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
111	47.6	29.2	43.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.65 ng

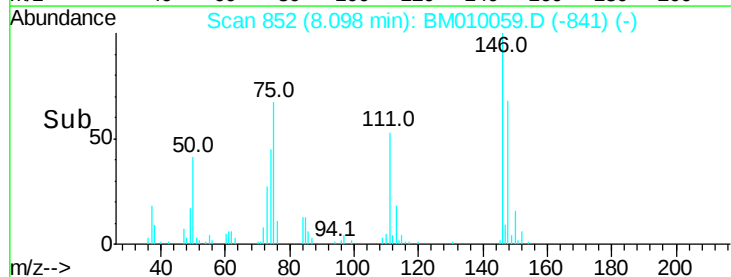
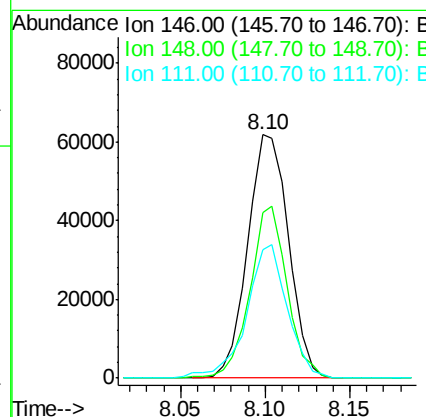
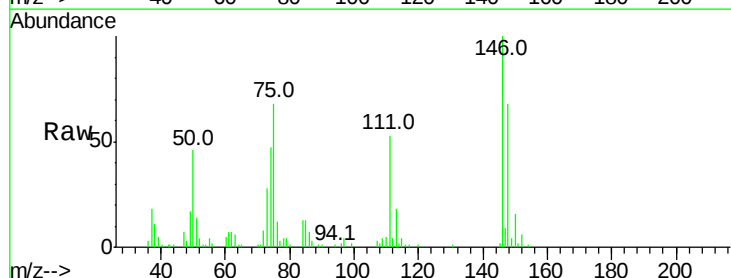
RT: 8.10 min Scan# 852

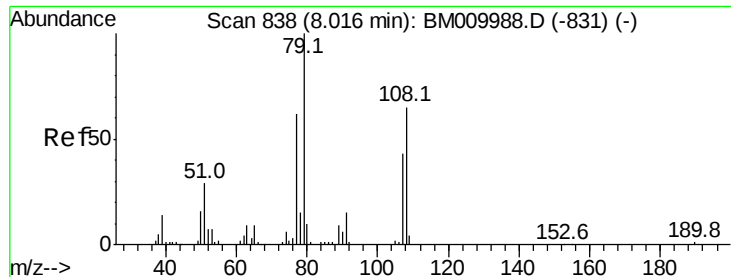
Delta R.T. -0.04 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.9	52.3	78.5
111	52.9	30.6	45.8





#15

Benzyl Alcohol

Concen: 49.91 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.02 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Instrument :

BNA_M

ClientSampleId :

PB99002BSD

Tot Ion: 79 Resp: 147874

Ion Ratio Lower Upper

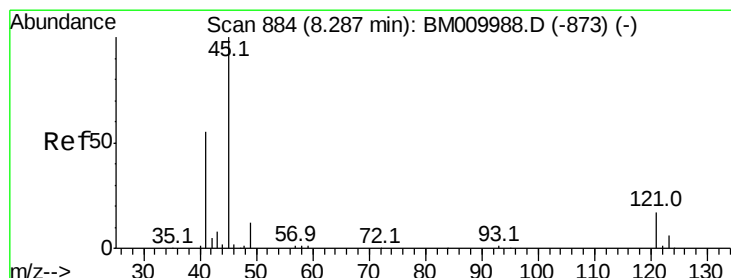
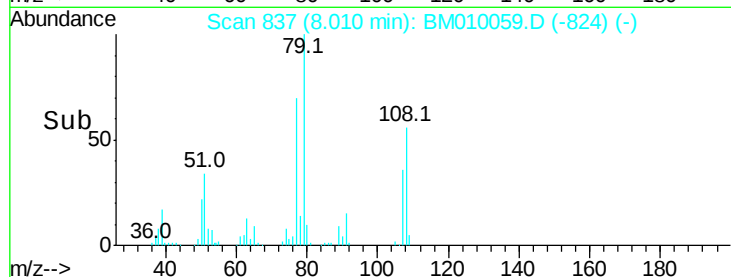
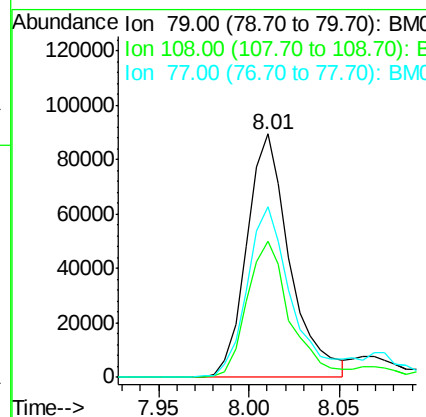
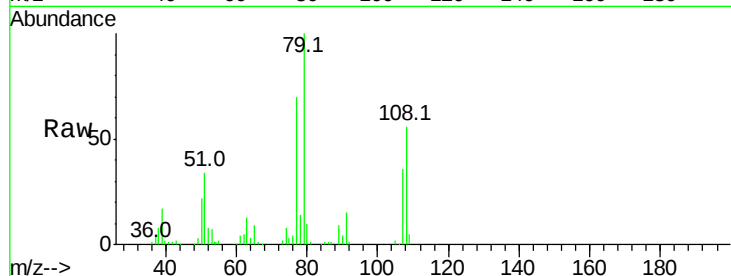
79 100

108 55.6 65.0 97.4#

77 70.2 53.0 79.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.86 ng

RT: 8.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

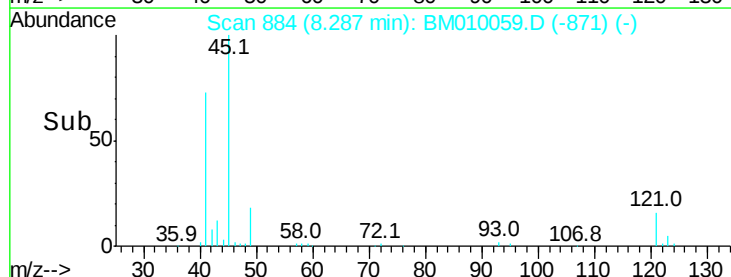
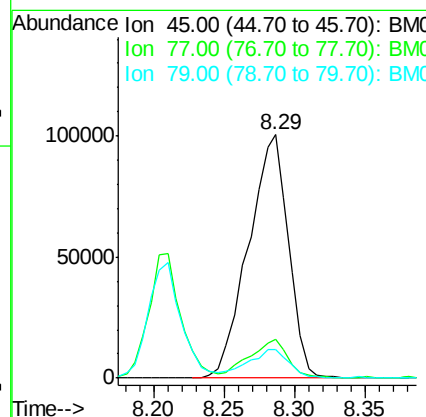
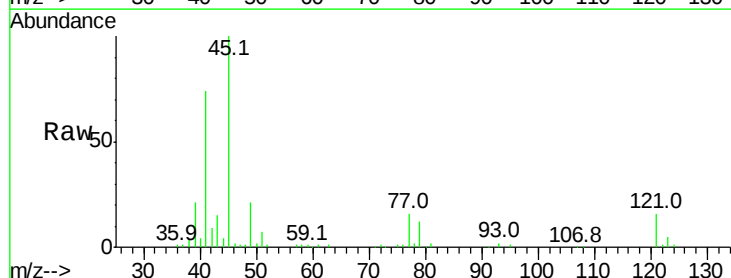
Tgt Ion: 45 Resp: 199821

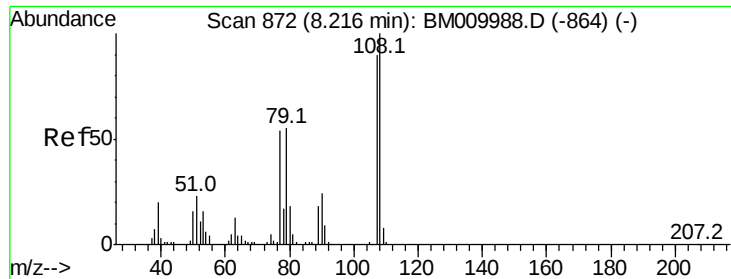
Ion Ratio Lower Upper

45 100

77 15.9 0.0 35.2

79 11.9 0.0 32.0





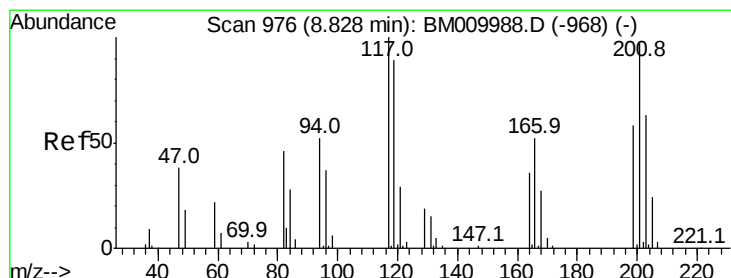
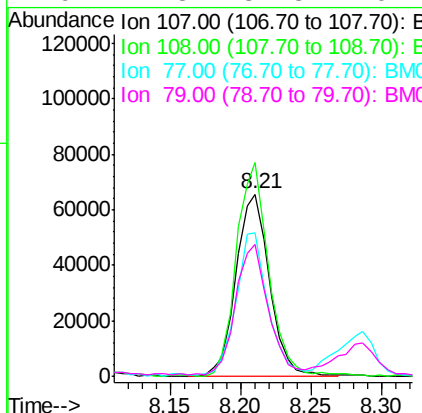
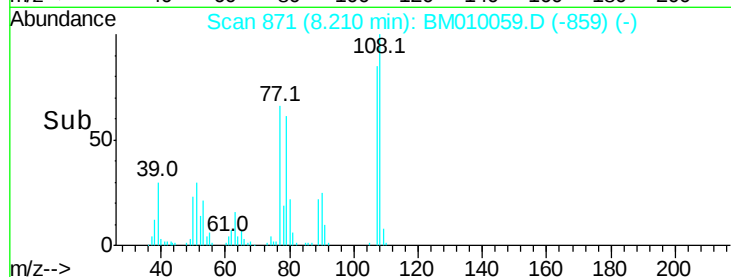
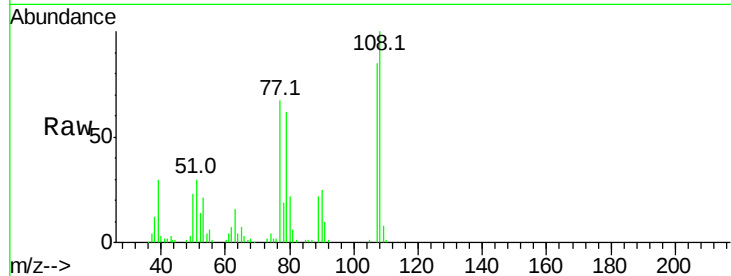
#17
2-Methylphenol
Concen: 43.98 ng
RT: 8.21 min Scan# 871
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Instrument :
BNA_M
ClientSampleId :
PB99002BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.5	89.8	134.8	
77	78.7	32.6	48.8#	
79	72.8	32.8	49.2#	

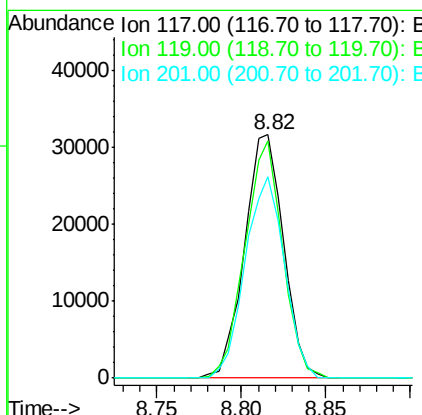
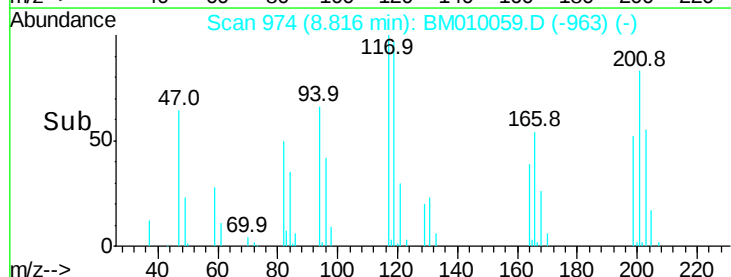
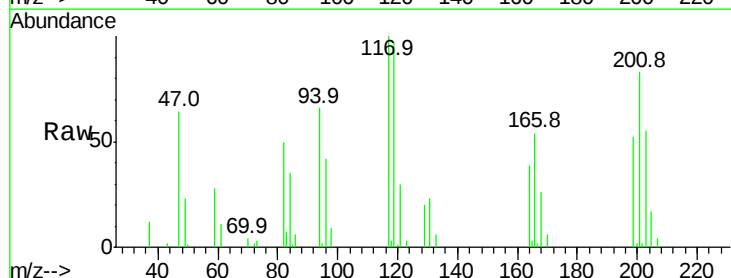
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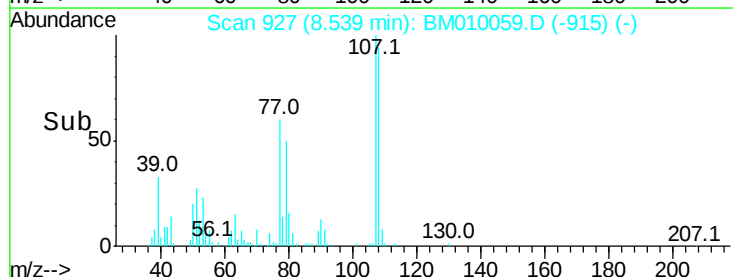
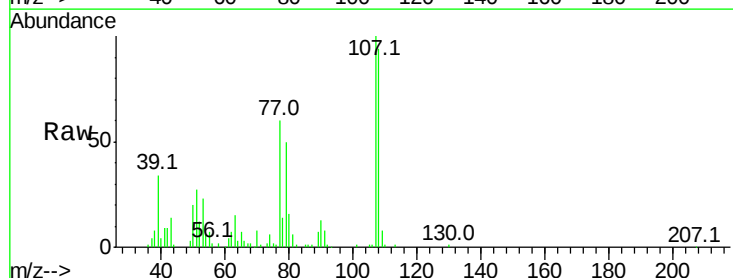
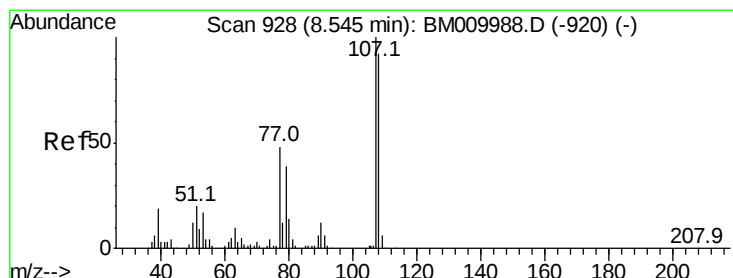
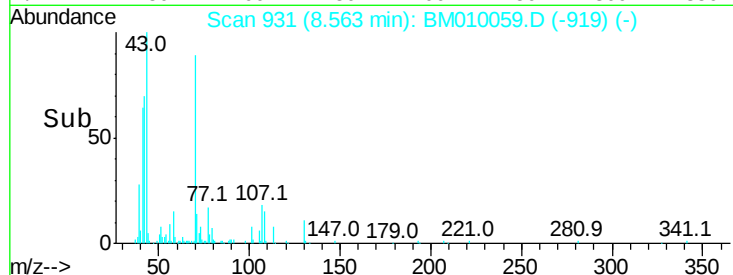
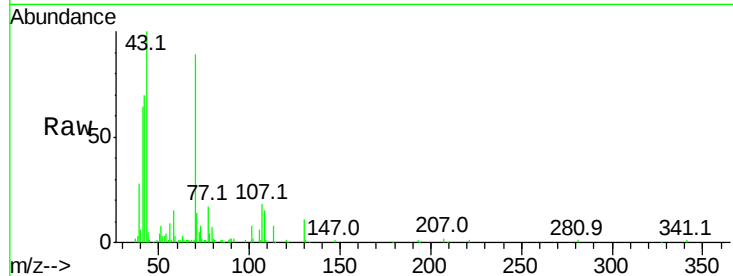
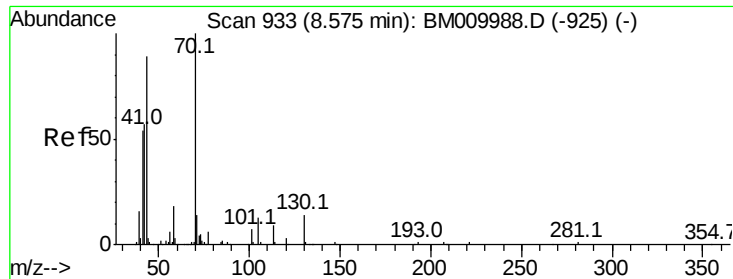
mohammad
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#18
Hexachloroethane
Concen: 45.60 ng
RT: 8.82 min Scan# 974
Delta R.T. -0.04 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	79.2	118.8	
201	82.6	69.8	104.6	





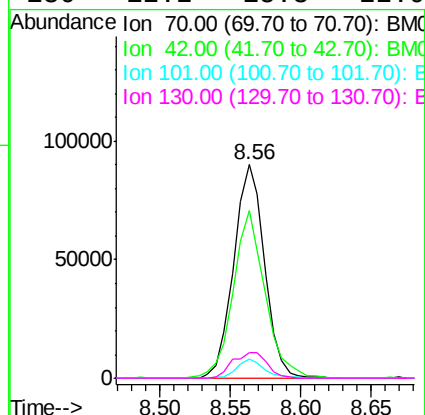
#19
n-Nitroso-di-n-propylamine
Concen: 43.41 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Instrument :
BNA_M
ClientSampleId :
PB99002BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	78.8	44.5	66.7#		
101	8.8	7.4	11.2		
130	12.2	15.3	22.9#		

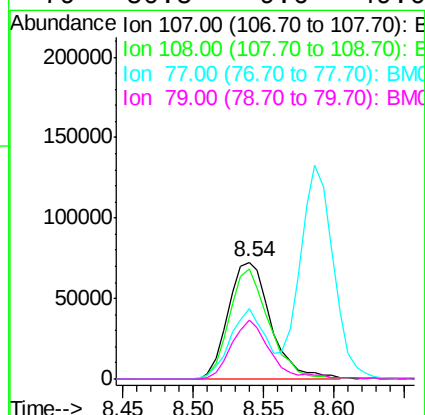
Manual Integrations
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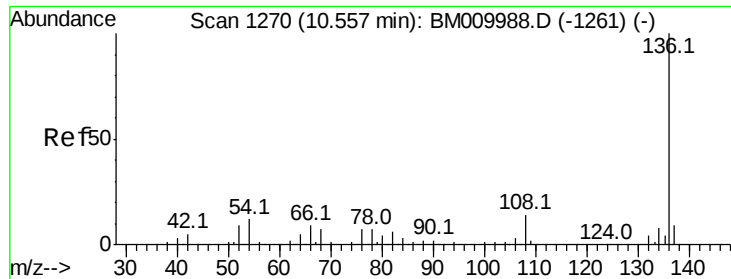
mohammad
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#20
3+4-Methylphenols
Concen: 45.75 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	93.9	73.2	113.2		
77	60.2	10.7	50.7#		
79	50.5	9.6	49.6#		





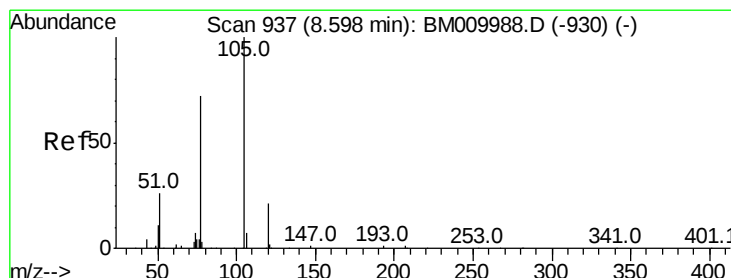
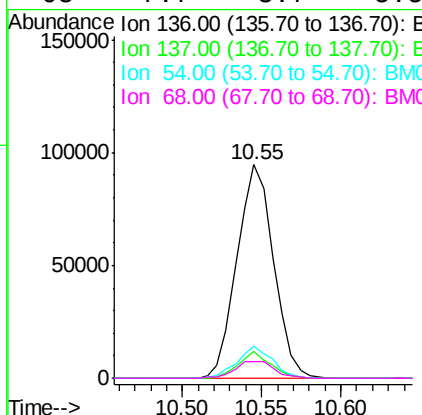
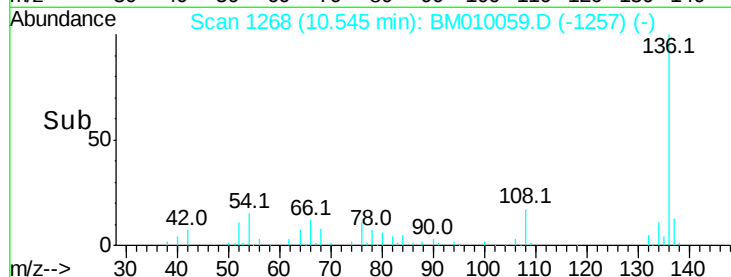
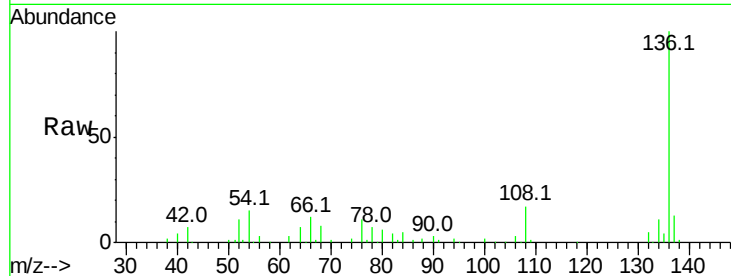
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.04 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Instrument :
BNA_M
ClientSampleId :
PB99002BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	152076		
137	12.6	8.7	13.1	
54	14.8	4.6	6.8#	
68	7.7	3.7	5.5#	

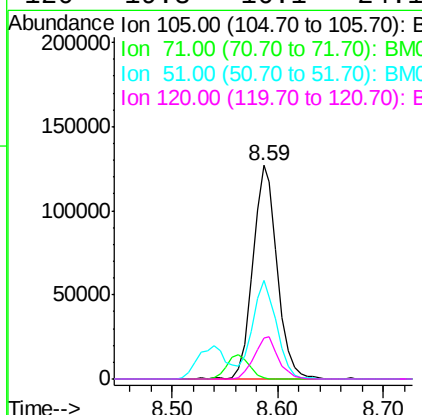
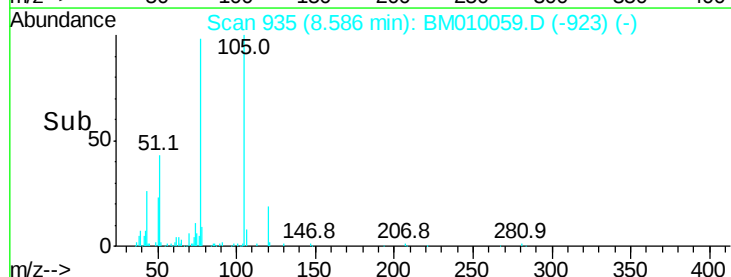
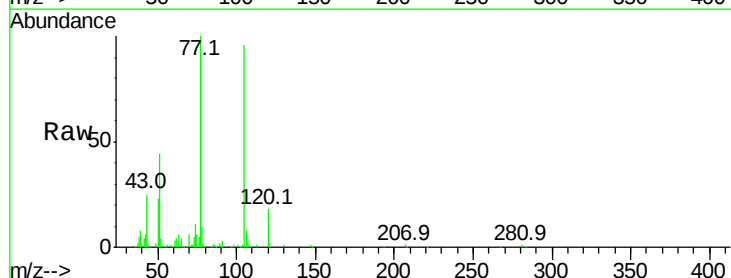
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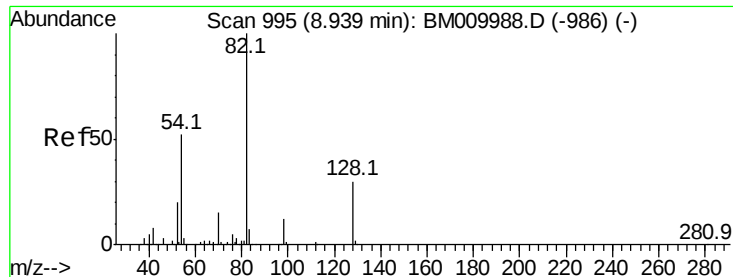
mohammad
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#22
Acetophenone
Concen: 43.81 ng
RT: 8.59 min Scan# 935
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	203692		
71	0.8	0.6	1.0	
51	46.1	21.6	32.4#	
120	19.3	16.1	24.1	





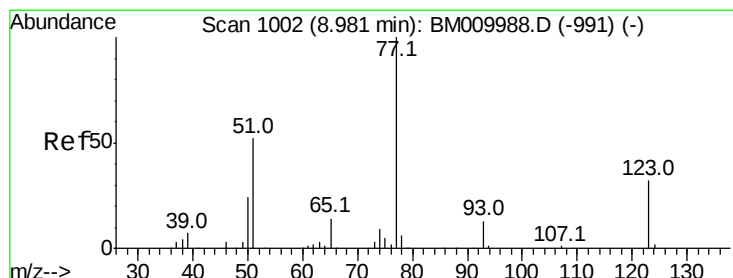
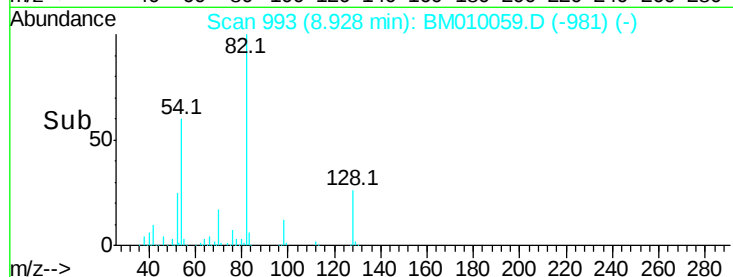
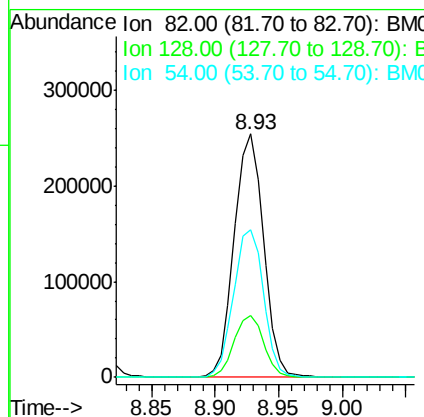
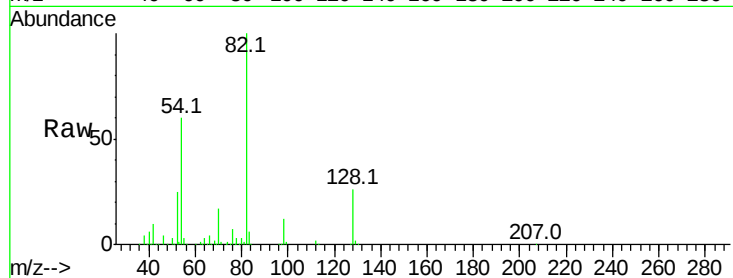
#23
Nitrobenzene-d5
Concen: 98.28 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Instrument :
BNA_M
ClientSampleId :
PB99002BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	25.7	32.8	49.2#	
54	60.5	40.6	60.8	

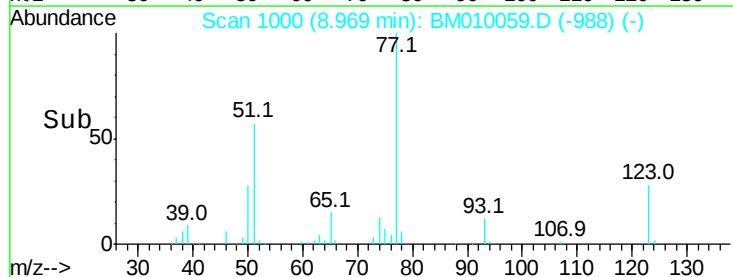
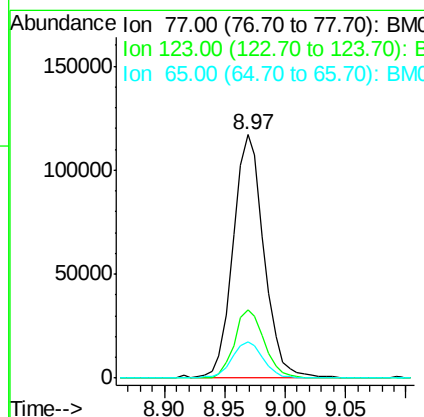
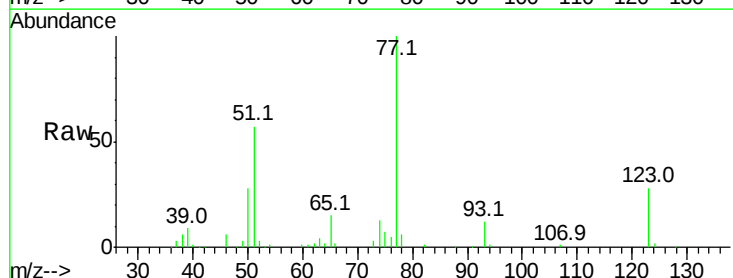
Manual Integrations
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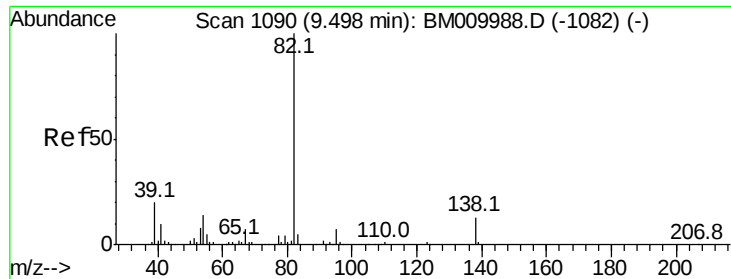
mohammad
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#24
Nitrobenzene
Concen: 47.18 ng
RT: 8.97 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	27.8	32.6	49.0#	
65	14.8	10.9	16.3	





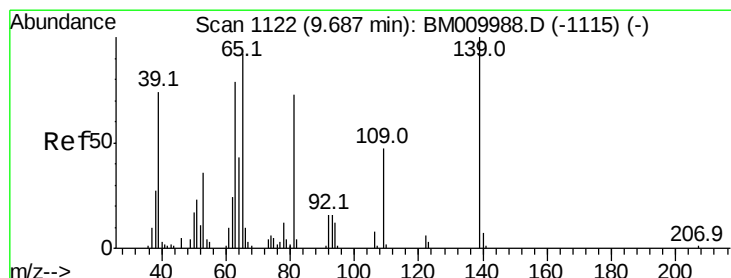
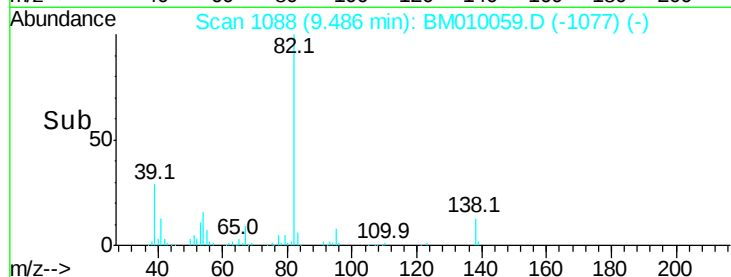
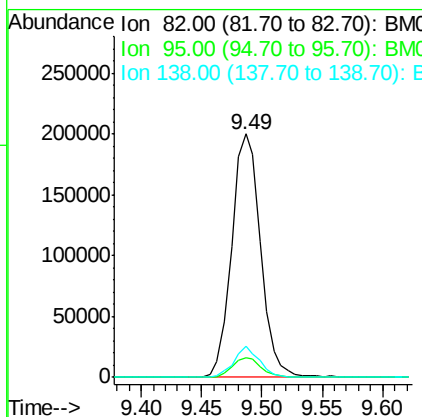
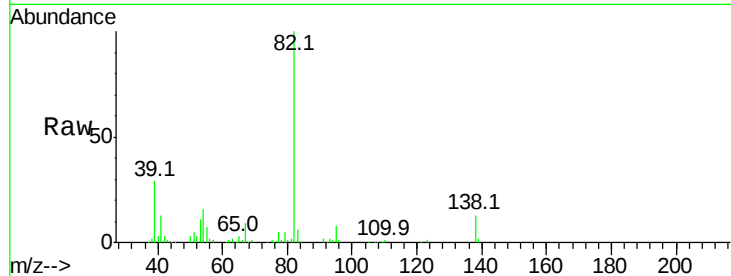
#25
Isophorone
Concen: 46.64 ng
RT: 9.49 min Scan# 1088
Delta R.T. -0.04 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Instrument :
BNA_M
ClientSampled :
PB99002BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.3	5.8	8.6	
138	12.8	16.3	24.5	

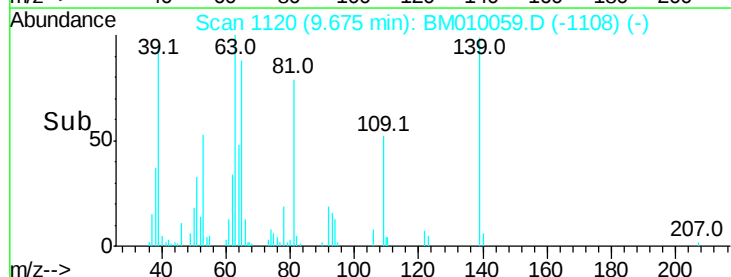
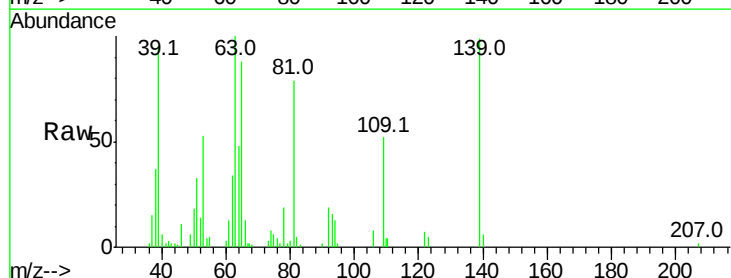
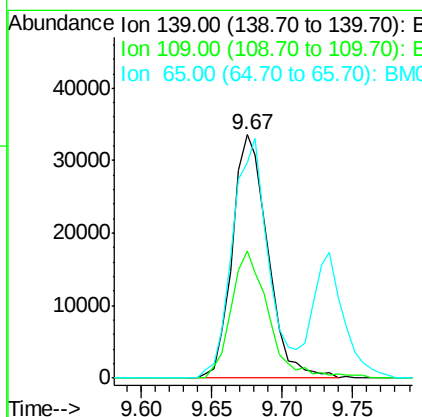
Manual Integrations
APPROVED

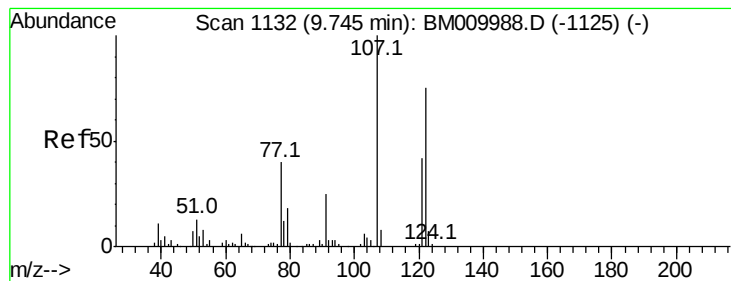
mohammad
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#26
2-Nitrophenol
Concen: 44.09 ng
RT: 9.67 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	52.3	20.1	30.1	
65	88.7	31.5	47.3	





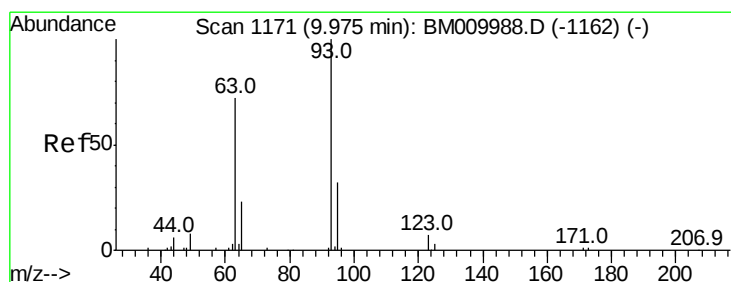
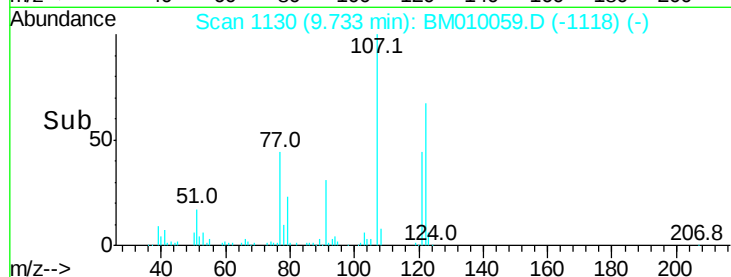
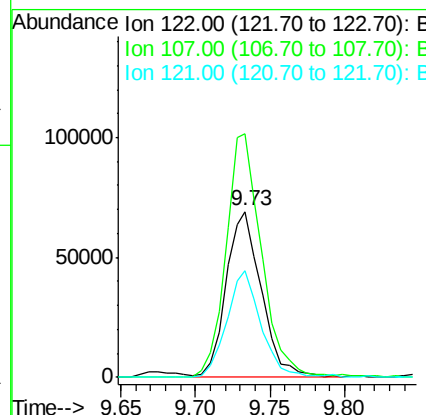
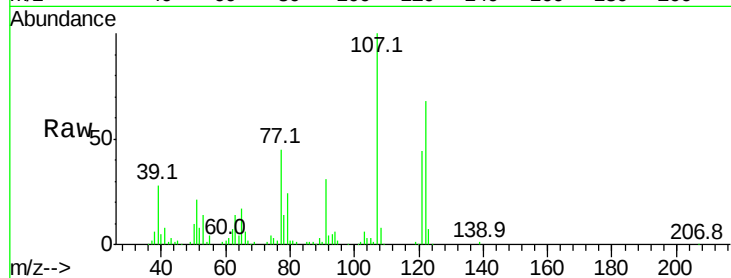
#27
 2,4-Dimethylphenol
 Concen: 45.82 ng
 RT: 9.73 min Scan# 1130
 Delta R.T. -0.03 min
 Lab File: BM010059.D
 Acq: 16 May 2017 18:39

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	114356		
107	146.5	84.7	127.1#	
121	64.5	46.6	69.8	

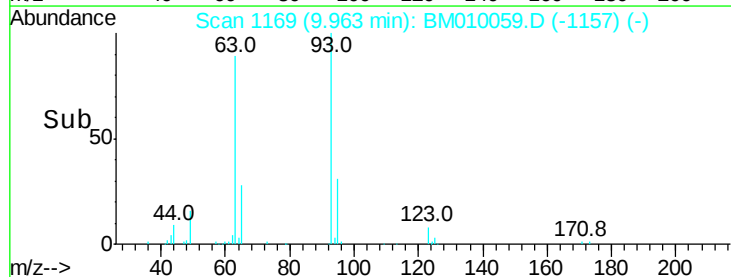
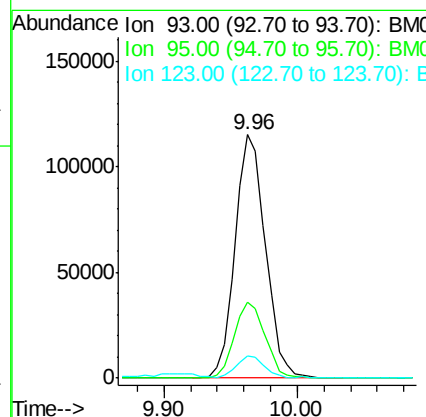
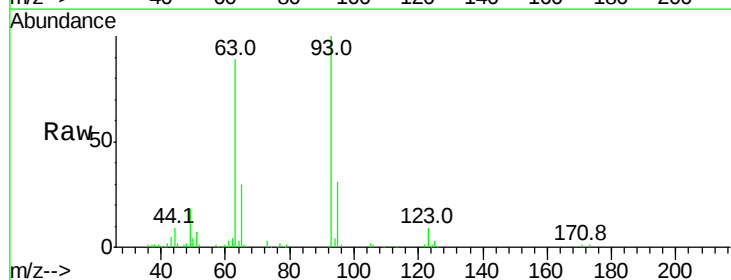
Manual Integrations
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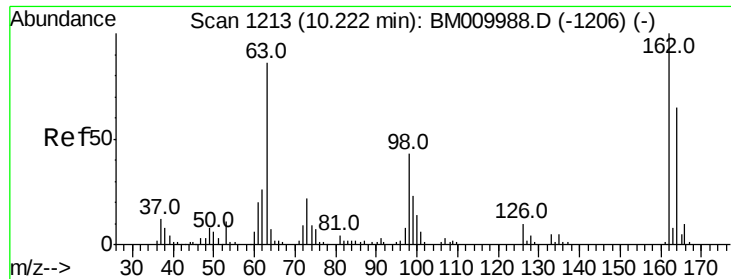
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.35 ng
 RT: 9.96 min Scan# 1169
 Delta R.T. -0.03 min
 Lab File: BM010059.D
 Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	182727		
95	31.3	25.5	38.3	
123	9.0	8.6	13.0	





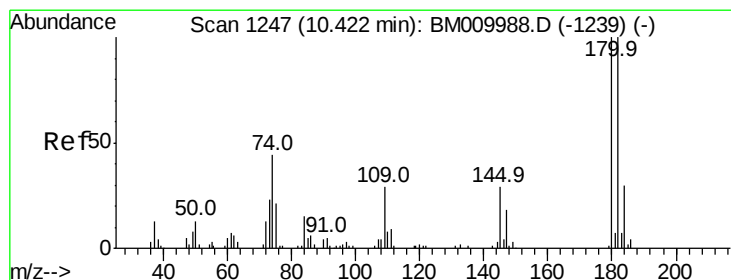
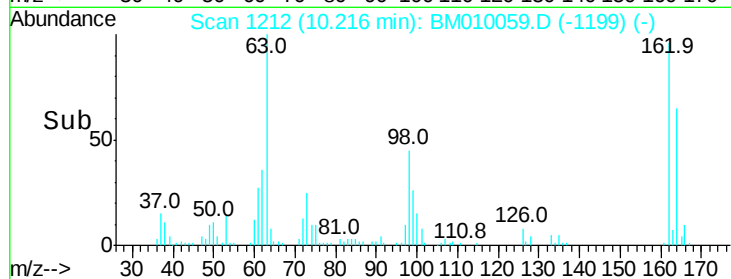
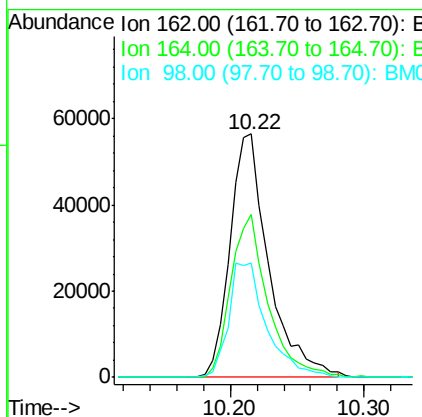
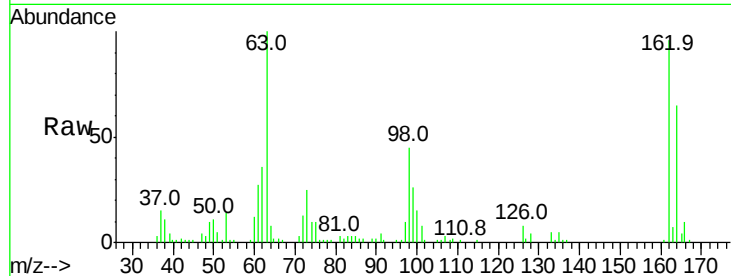
#29
 2,4-Dichlorophenol
 Concen: 47.04 ng
 RT: 10.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BM010059.D
 Acq: 16 May 2017 18:39

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	67.1	42.8	82.8	
98	47.1	14.5	54.5	

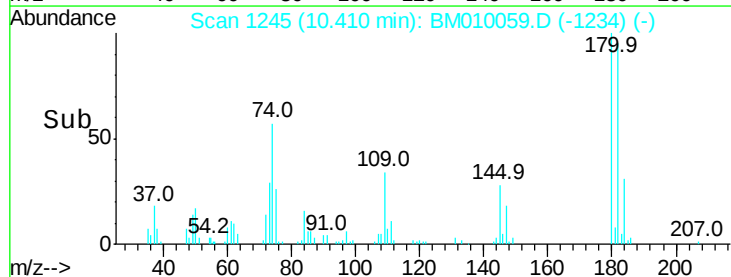
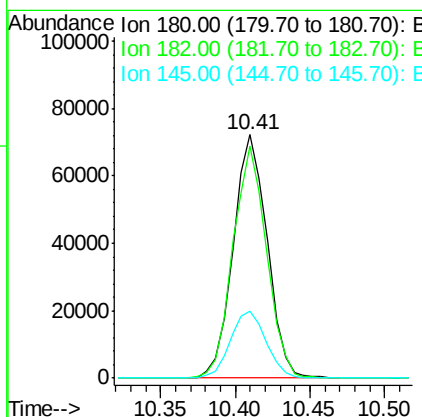
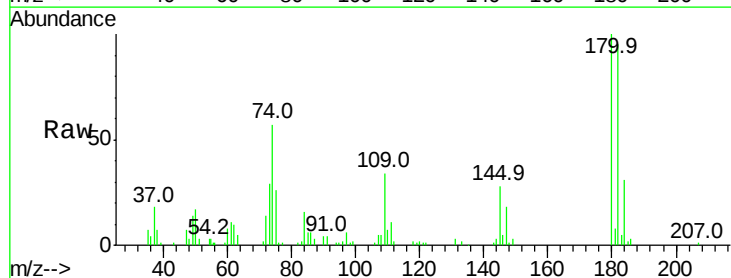
Manual Integrations
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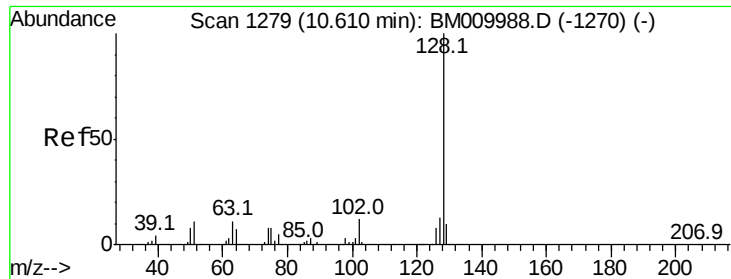
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.27 ng
 RT: 10.41 min Scan# 1245
 Delta R.T. -0.04 min
 Lab File: BM010059.D
 Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	77.6	116.4	
145	27.6	23.4	35.2	





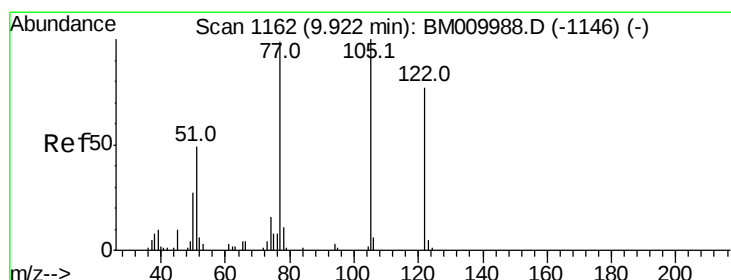
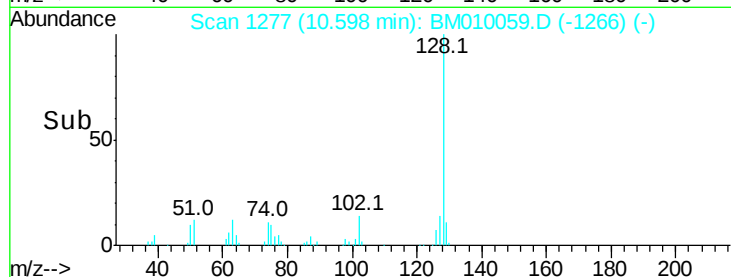
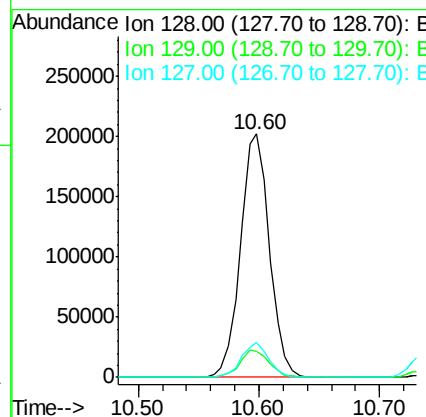
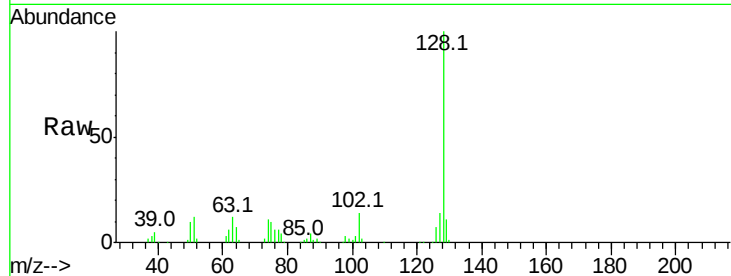
#31
Naphthalene
Concen: 40.30 ng
RT: 10.60 min Scan# 1277
Delta R.T. -0.04 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Instrument :
BNA_M
ClientSampleId :
PB99002BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	14.5	10.4	15.6

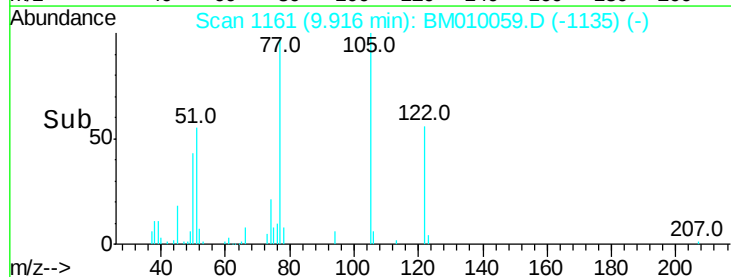
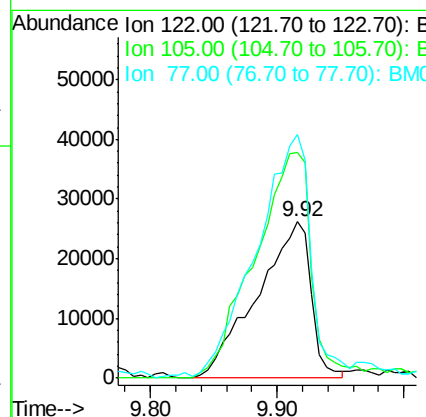
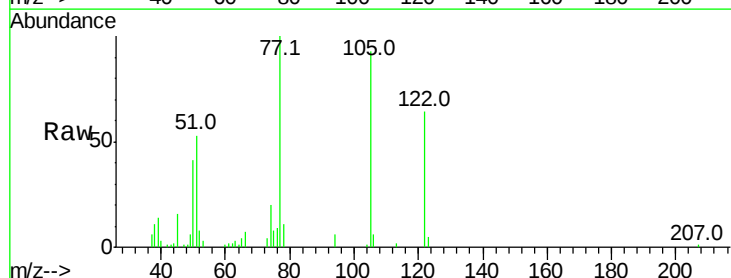
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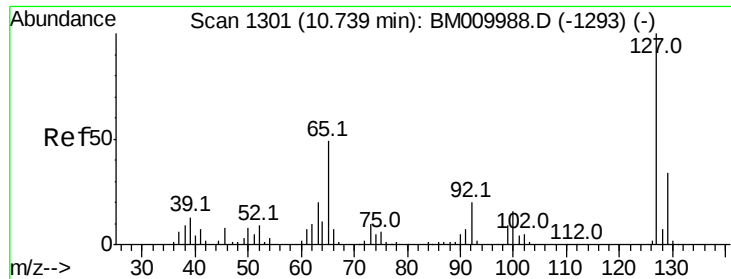
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#32
Benzoic acid
Concen: 46.55 ng
RT: 9.92 min Scan# 1161
Delta R.T. -0.05 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	144.1	99.9	139.9#
77	155.7	73.7	113.7#





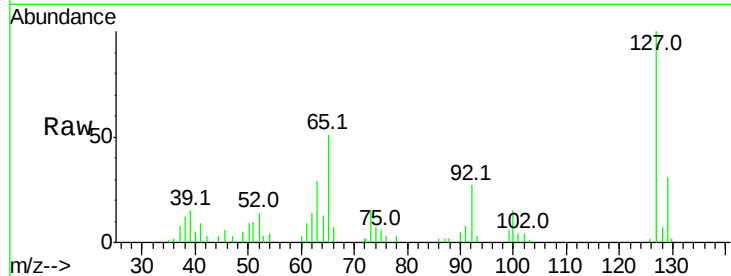
#33
4-Chloroaniline
Concen: 12.63 ng
RT: 10.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Instrument :
BNA_M
ClientSampleId :
PB99002BSD

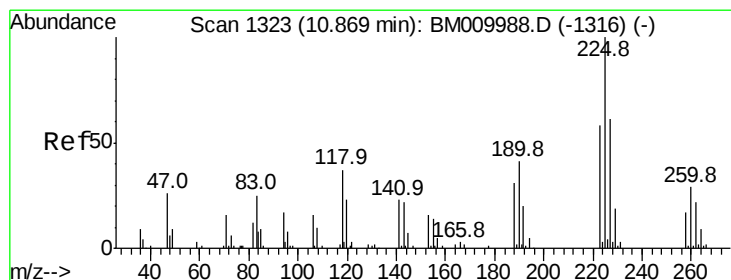
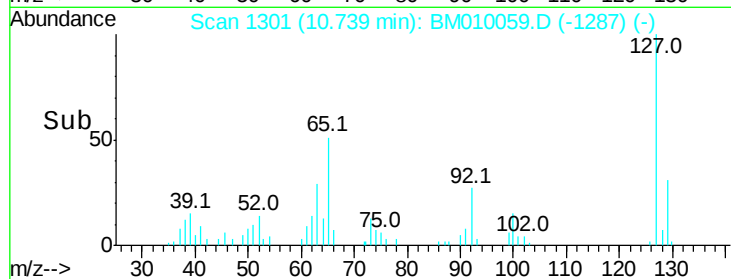
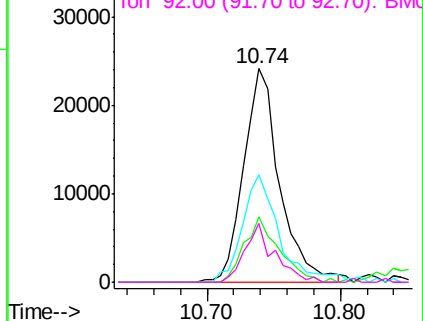
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.3	37.9
65	50.6	17.6	26.4
92	27.4	13.1	19.7

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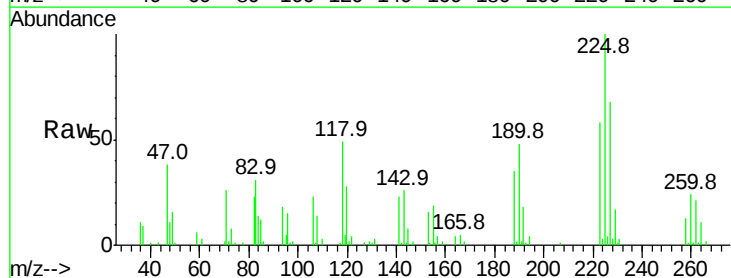


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

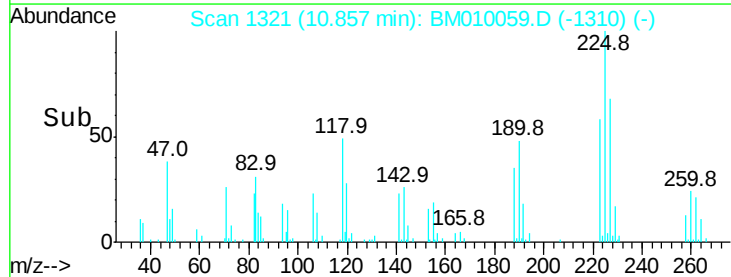
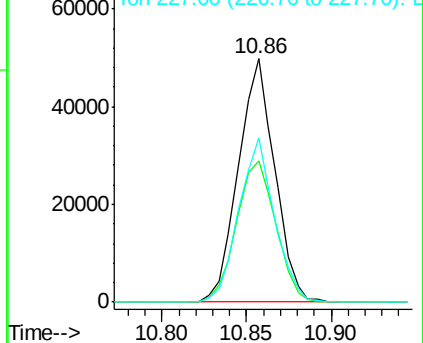


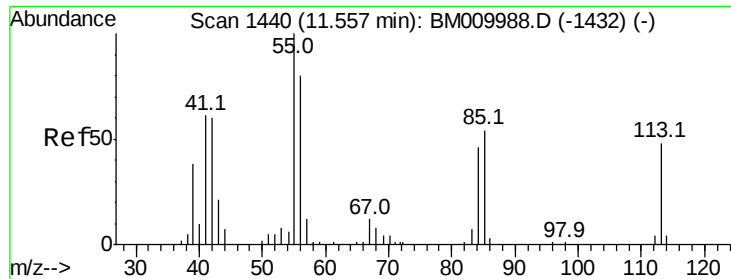
#34
Hexachlorobutadiene
Concen: 38.74 ng
RT: 10.86 min Scan# 1321
Delta R.T. -0.04 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	47.9	71.9
227	67.7	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.70 ng/ml

RT: 11.55 min Scan# 1438

Delta R.T. -0.03 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Instrument :

BNA_M

ClientSampleId :

PB99002BSD

Tot Ion:113 Resp: 42414

Ion Ratio Lower Upper

113 100

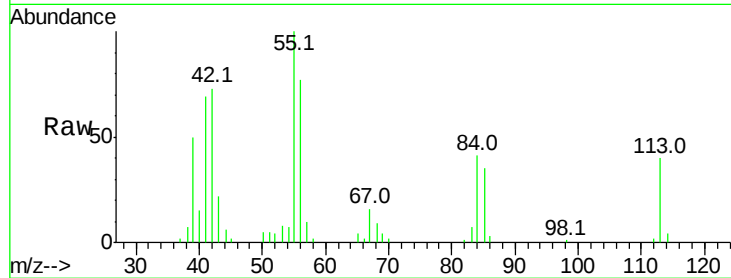
55 248.4 145.9 185.9#

56 190.7 101.0 141.0#

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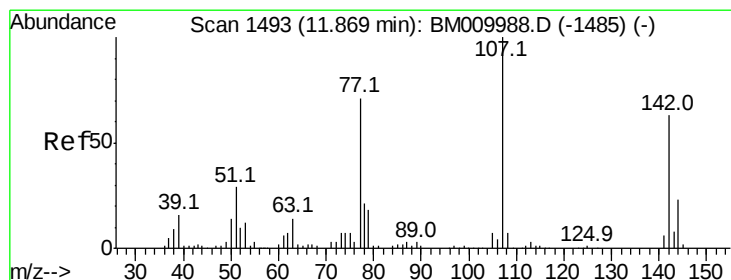
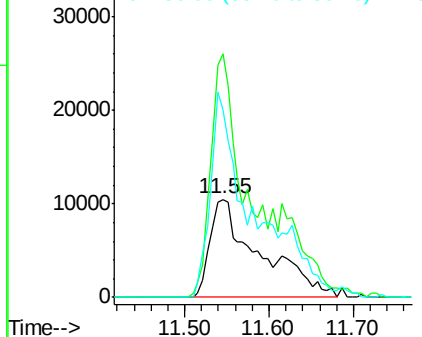
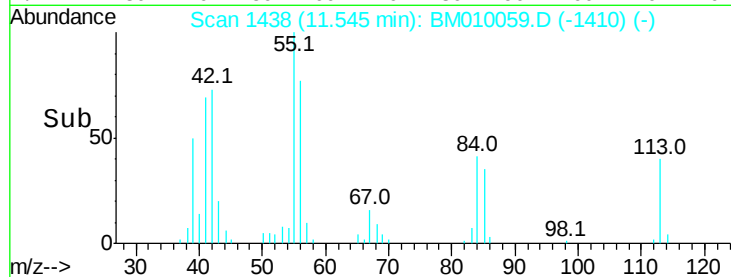
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 46.96 ng/ml

RT: 11.86 min Scan# 1492

Delta R.T. -0.03 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

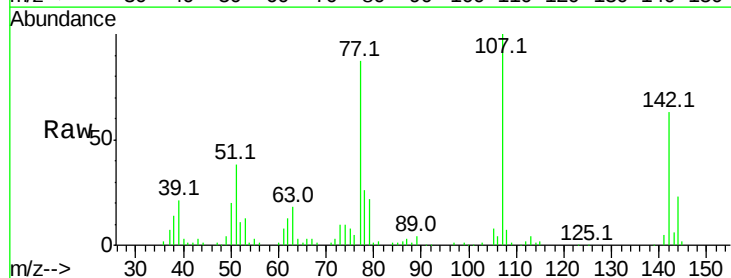
Tgt Ion:107 Resp: 152415

Ion Ratio Lower Upper

107 100

144 22.5 23.3 34.9#

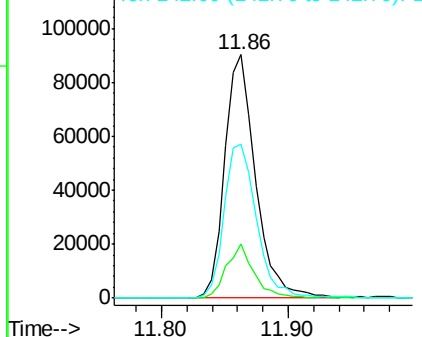
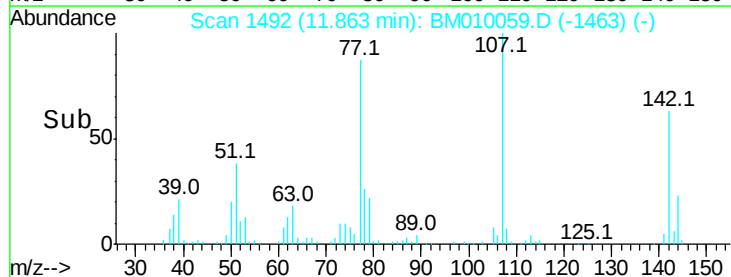
142 63.4 72.6 109.0#

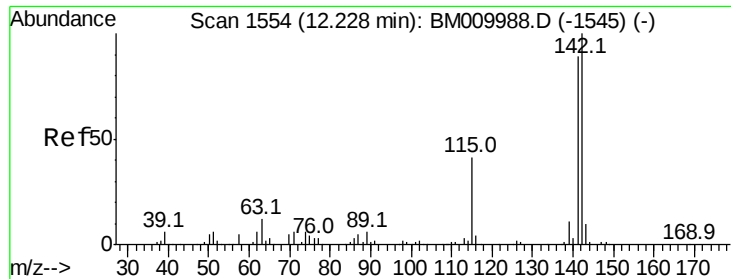


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





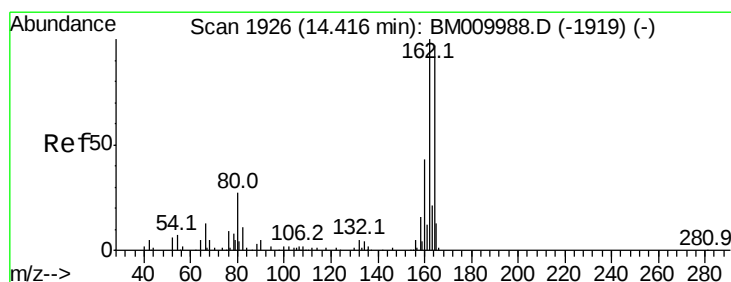
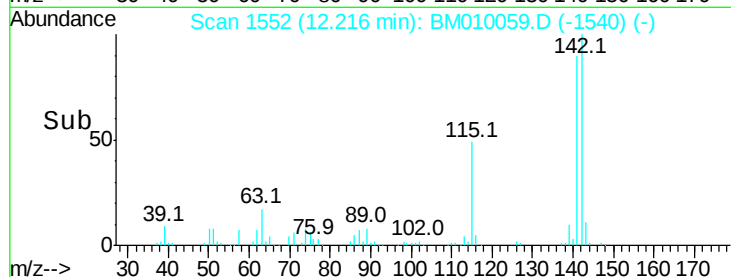
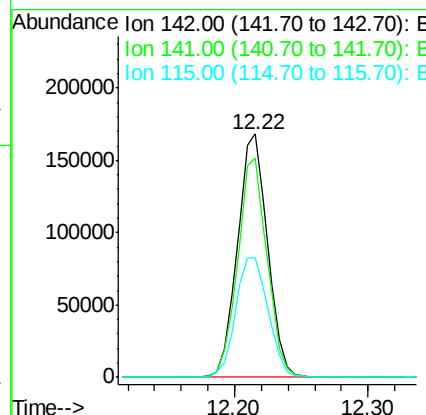
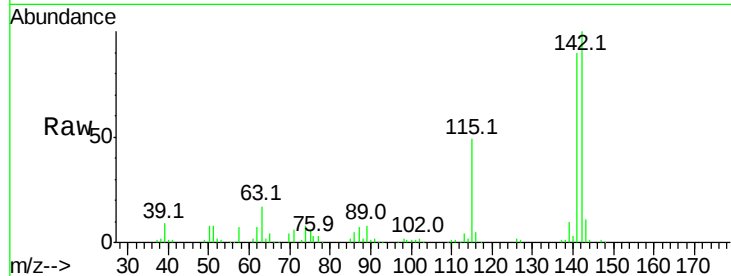
#37
2-Methylnaphthalene
Concen: 43.85 ng
RT: 12.22 min Scan# 1552
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Instrument :
BNA_M
ClientSampleID :
PB99002BSD

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	90.0	71.9	107.9
115	49.1	25.4	38.0

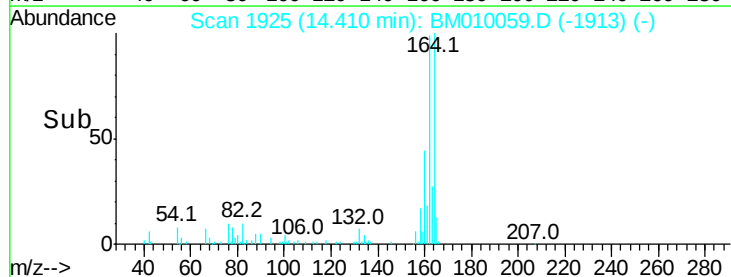
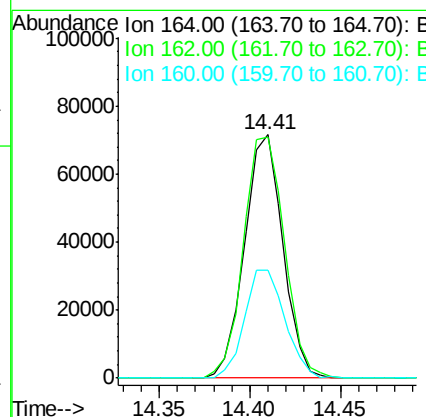
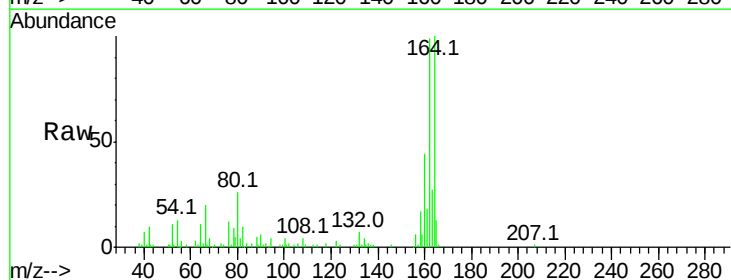
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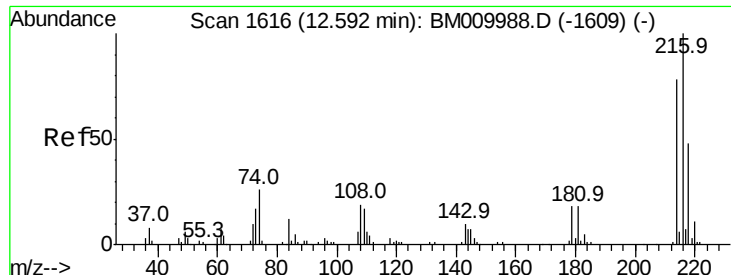
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	99.0	82.4	123.6
160	44.2	35.8	53.6





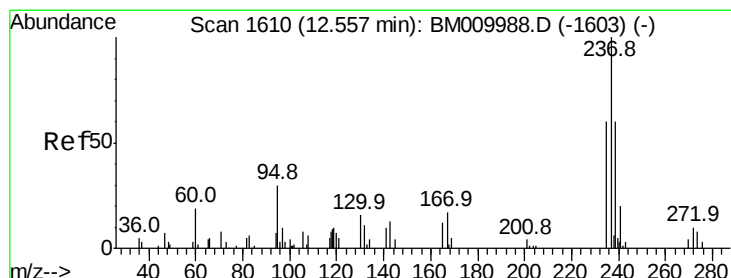
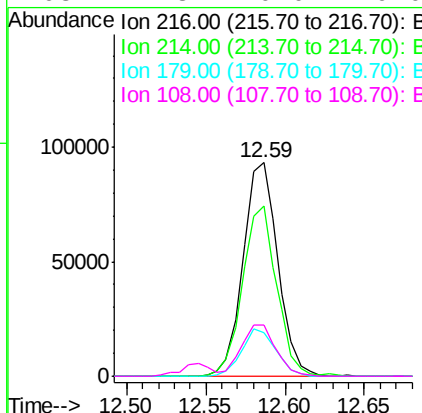
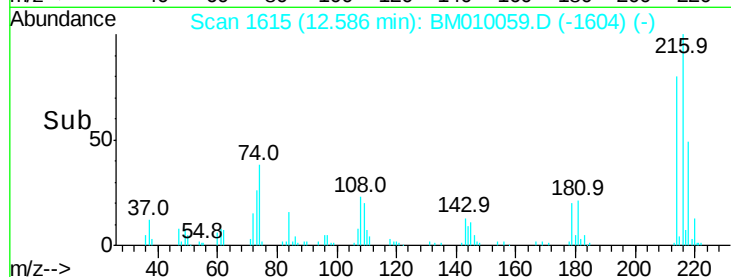
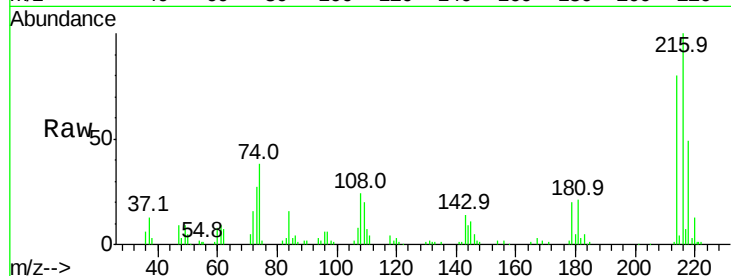
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.09 ng
 RT: 12.59 min Scan# 1615
 Delta R.T. -0.04 min
 Lab File: BM010059.D
 Acq: 16 May 2017 18:39

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.5	0.0	0.0#
179	21.8	0.0	0.0#
108	24.3	0.0	0.0#

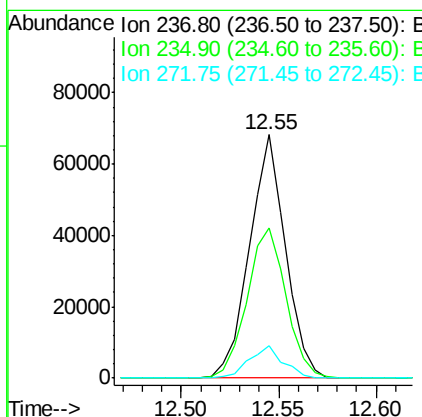
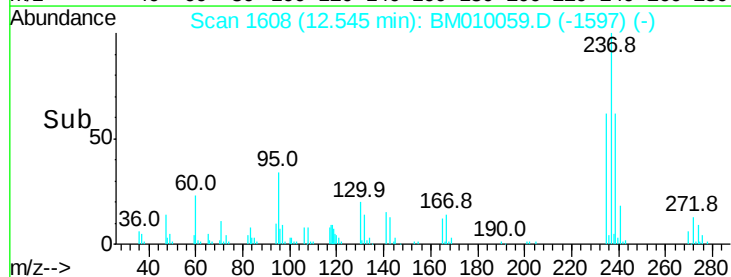
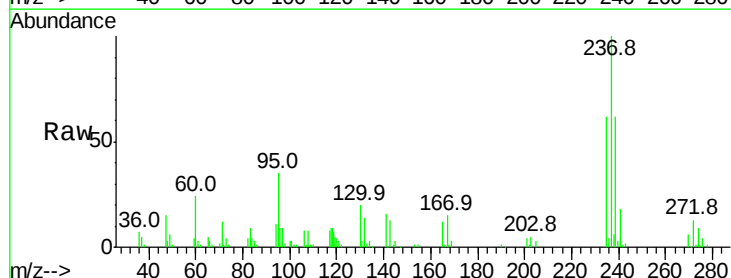
Manual Integrations
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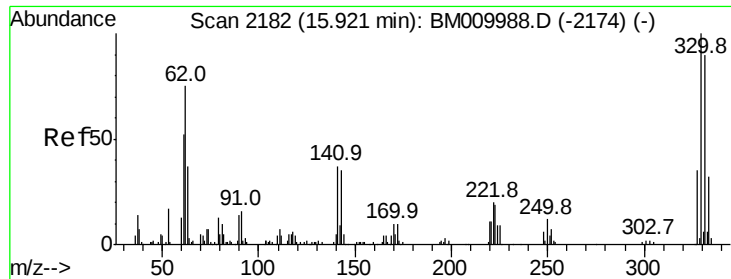
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 85.63 ng
 RT: 12.55 min Scan# 1608
 Delta R.T. -0.03 min
 Lab File: BM010059.D
 Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.8	42.0	82.0
272	13.2	0.0	33.4





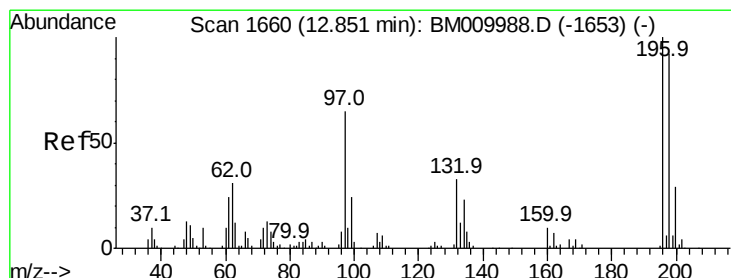
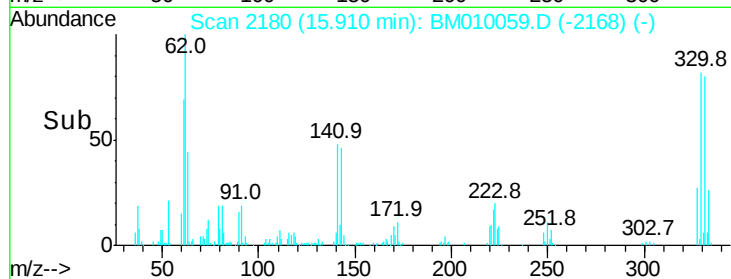
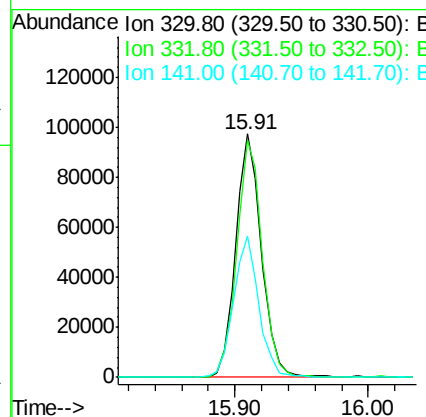
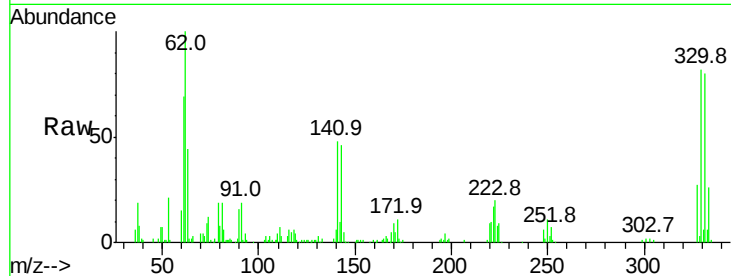
#41
 2,4,6-Tribromophenol
 Concen: 90.92 ng
 RT: 15.91 min Scan# 2180
 Delta R.T. -0.03 min
 Lab File: BM010059.D
 Acq: 16 May 2017 18:39

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	0.0	0.0	0.0
141	57.2	0.0	0.0	0.0

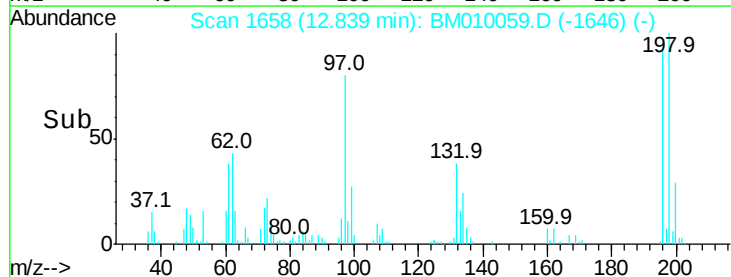
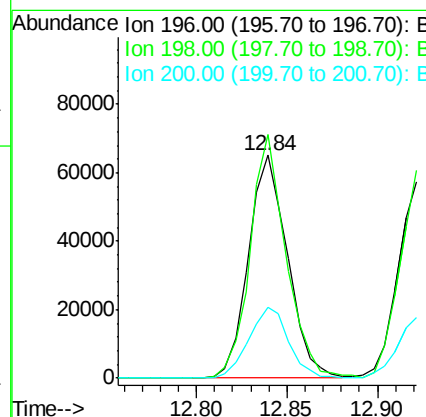
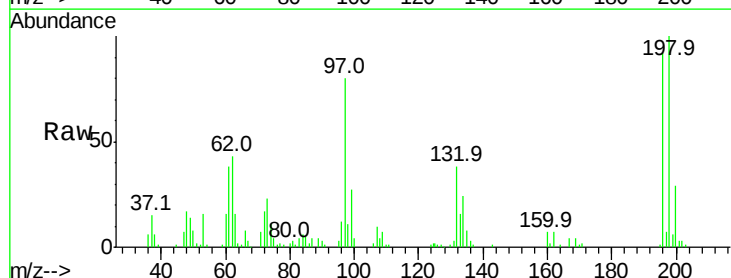
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#42
 2,4,6-Trichlorophenol
 Concen: 41.39 ng
 RT: 12.84 min Scan# 1658
 Delta R.T. -0.03 min
 Lab File: BM010059.D
 Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	109.2	76.3	114.5	
200	31.9	25.6	38.4	





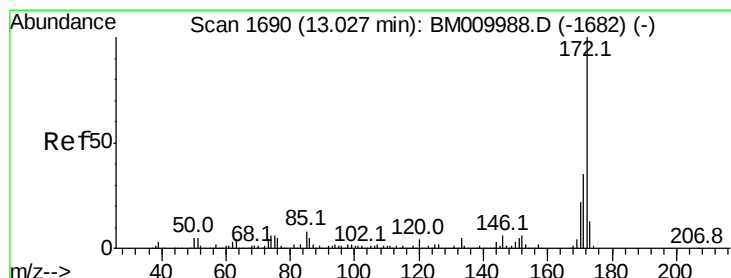
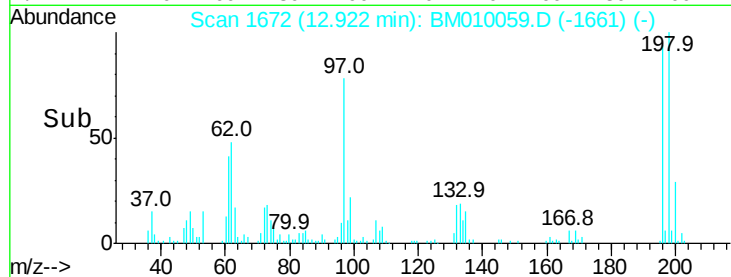
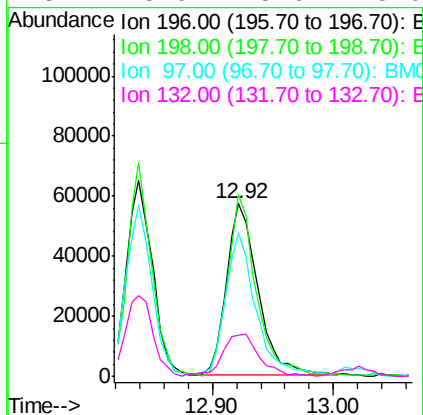
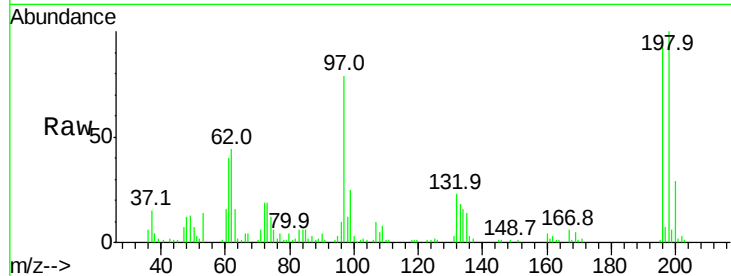
#43
 2,4,5-Trichlorophenol
 Concen: 40.61 ng
 RT: 12.92 min Scan# 1672
 Delta R.T. -0.04 min
 Lab File: BM010059.D
 Acq: 16 May 2017 18:39

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BSD

Tot Ion:	196	Resp:	103877
Ion Ratio	Lower	Upper	
196	100		
198	105.4	79.4	119.0
97	83.0	26.8	40.2#
132	23.9	18.6	28.0

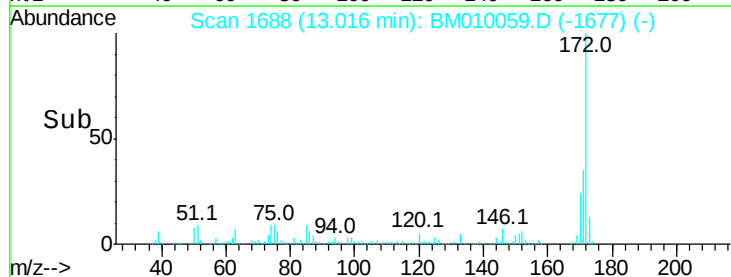
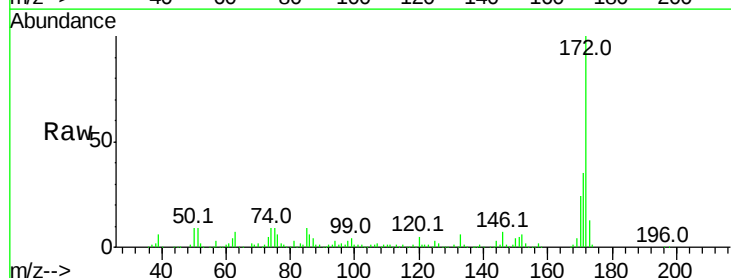
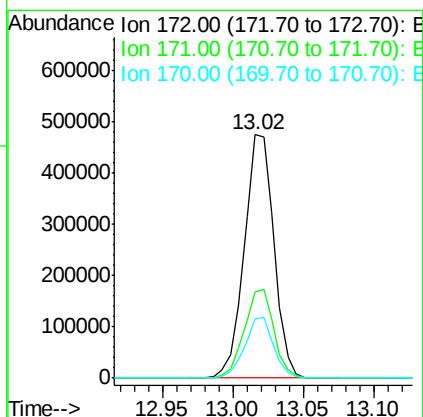
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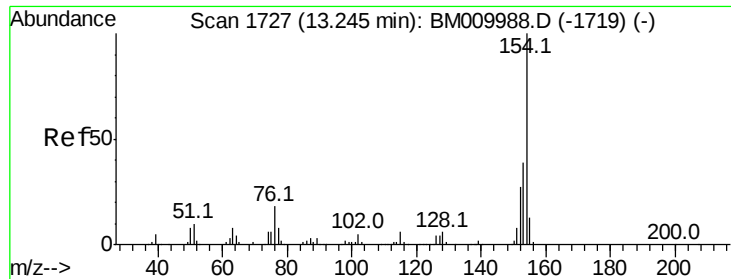
mohammad
 5/17/2017 5:46:55 PM



#44
 2-Fluorobiphenyl
 Concen: 88.81 ng
 RT: 13.02 min Scan# 1688
 Delta R.T. -0.04 min
 Lab File: BM010059.D
 Acq: 16 May 2017 18:39

Tgt Ion:	172	Resp:	697893
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.5	42.7
170	24.3	18.8	28.2





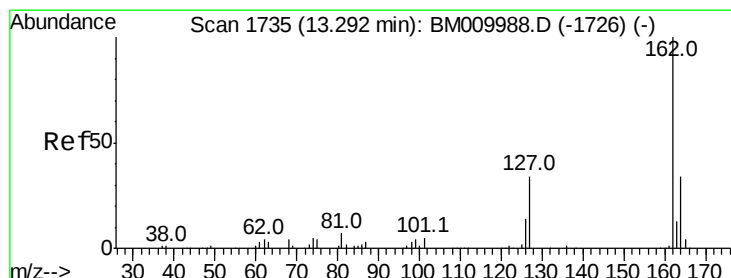
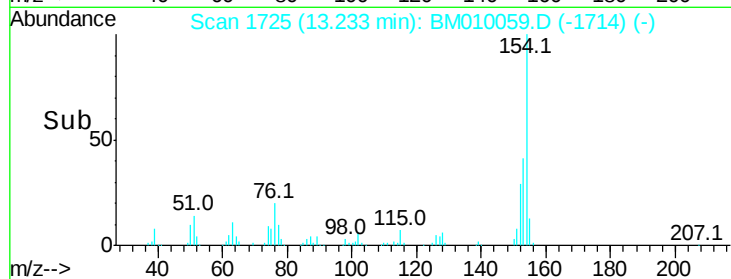
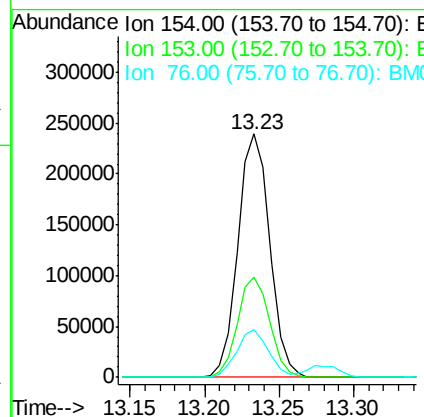
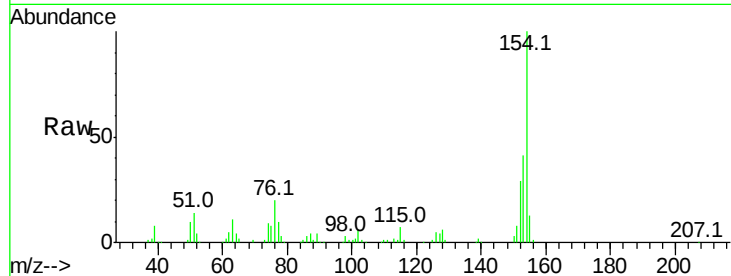
#45
 1,1'-Biphenyl
 Concen: 40.72 ng
 RT: 13.23 min Scan# 1725
 Delta R.T. -0.04 min
 Lab File: BM010059.D
 Acq: 16 May 2017 18:39

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.3	20.7	60.7	
76	19.8	0.0	30.9	

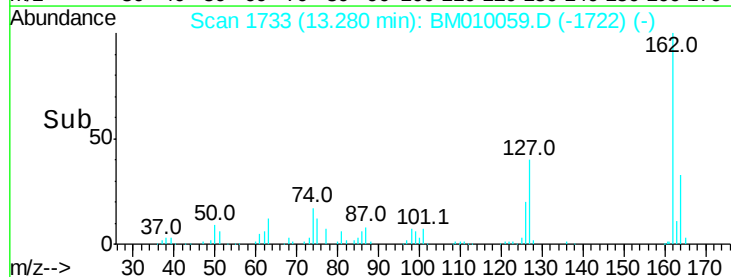
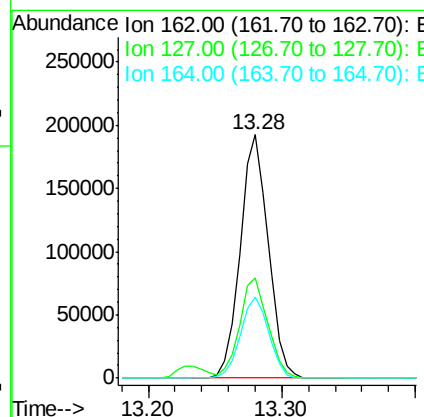
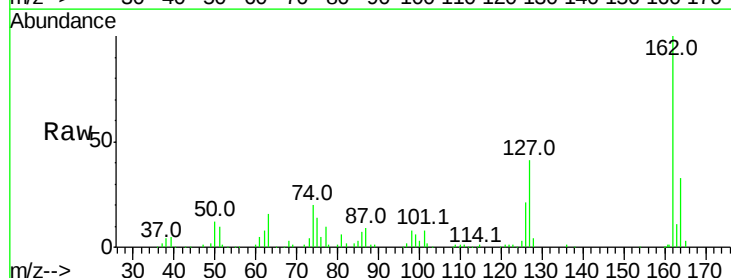
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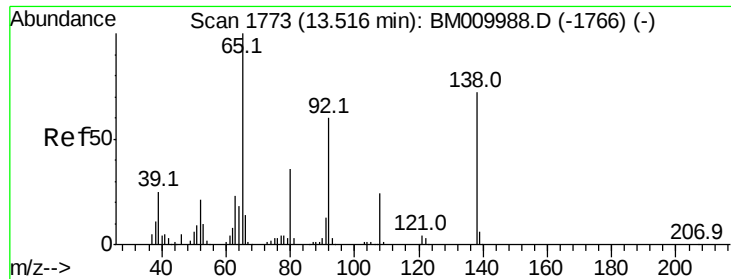
mohammad
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#46
 2-Chloronaphthalene
 Concen: 40.73 ng
 RT: 13.28 min Scan# 1733
 Delta R.T. -0.04 min
 Lab File: BM010059.D
 Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.3	26.9	40.3#	
164	33.1	26.8	40.2	





#47

2-Nitroaniline

Concen: 52.63 ng

RT: 13.51 min Scan# 1772

Delta R.T. -0.02 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Instrument :

BNA_M

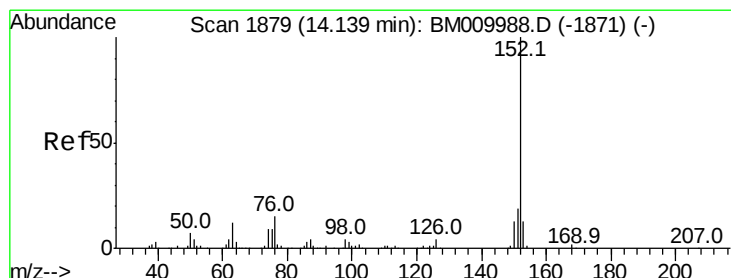
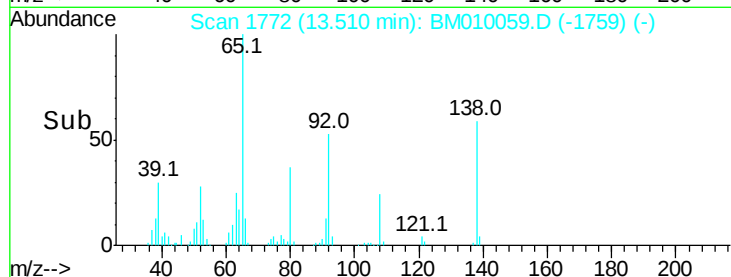
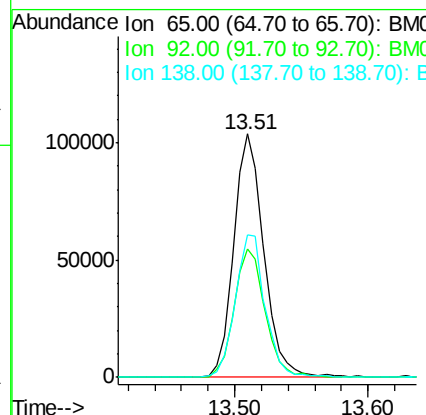
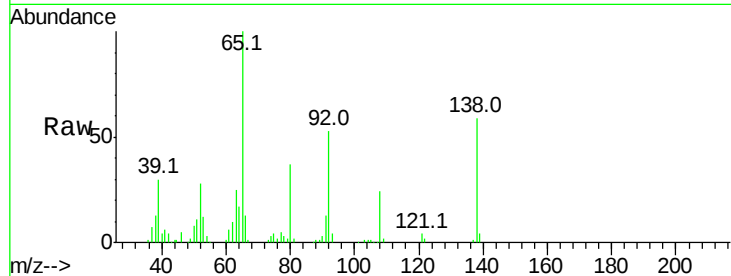
ClientSampleId :

PB99002BSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	52.5	59.1	88.7#	
138	58.6	93.9	140.9#	

Manual Integrations
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#48

Acenaphthylene

Concen: 43.17 ng

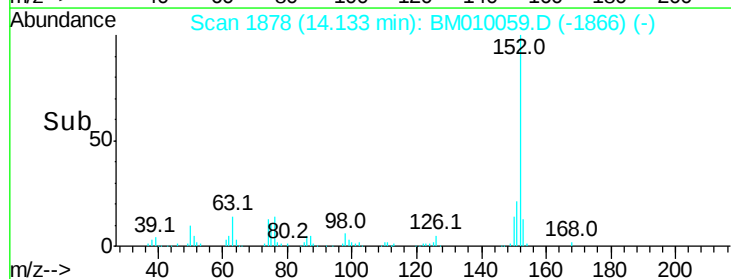
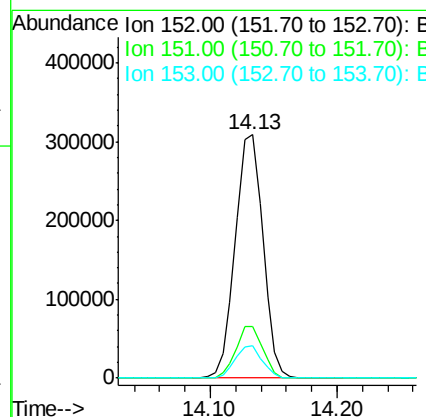
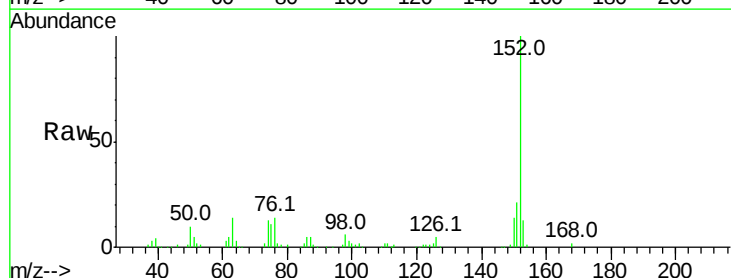
RT: 14.13 min Scan# 1878

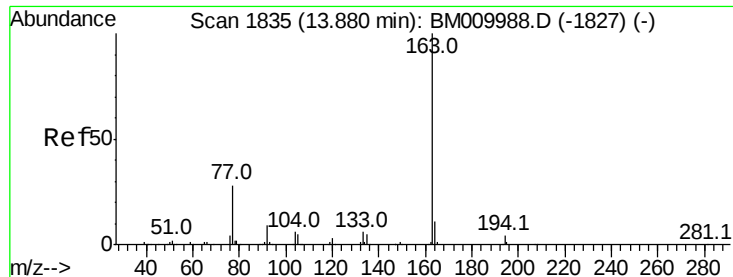
Delta R.T. -0.03 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	21.0	15.9	23.9	
153	13.1	10.6	16.0	





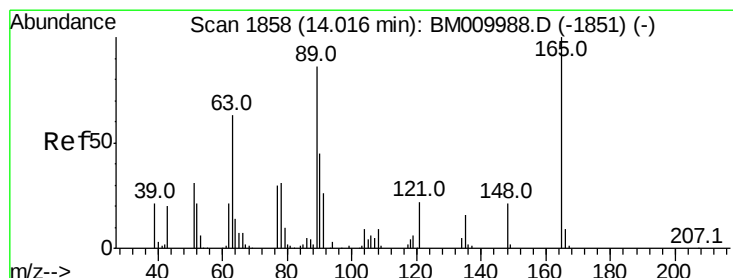
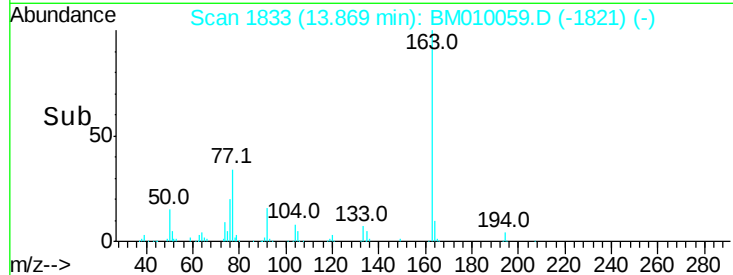
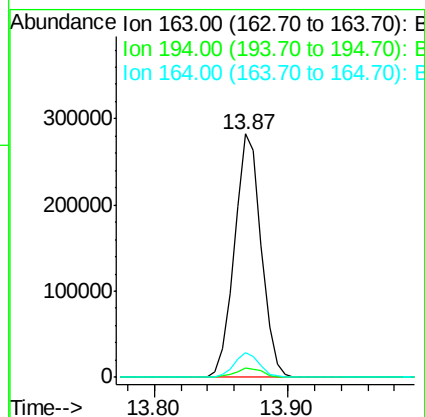
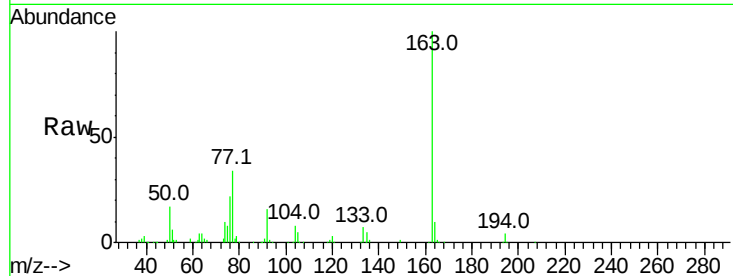
#49
Dimethylphthalate
Concen: 42.45 ng
RT: 13.87 min Scan# 1833
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Instrument :
BNA_M
ClientSampleId :
PB99002BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	393201		
194	3.7		2.7	4.1
164	10.1		8.2	12.2

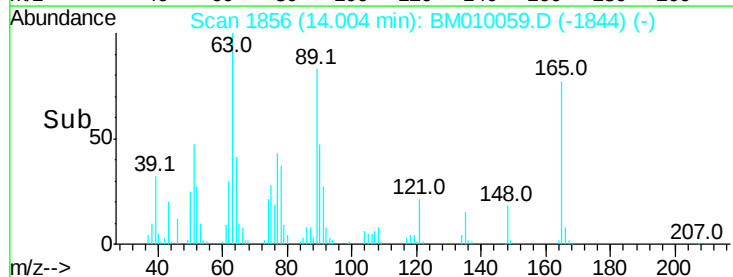
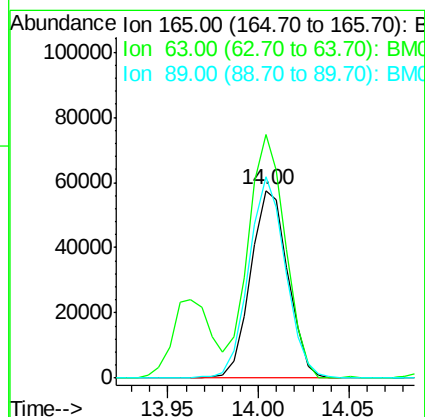
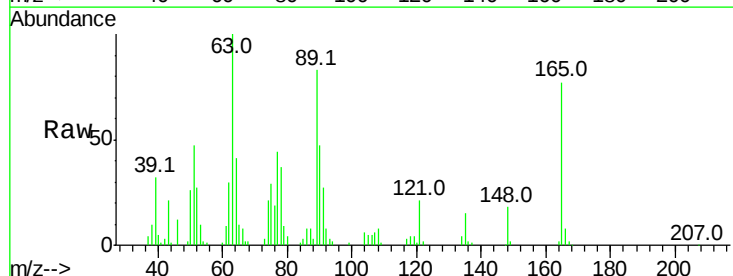
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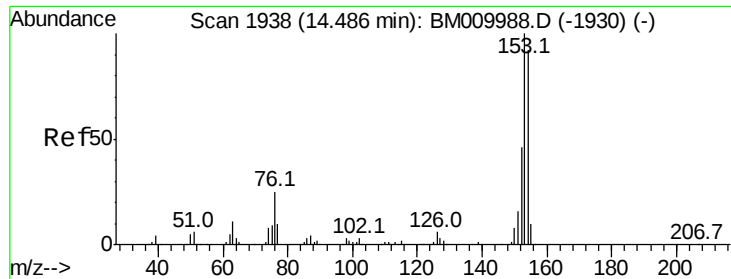
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#50
2,6-Dinitrotoluene
Concen: 43.74 ng
RT: 14.00 min Scan# 1856
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	82112		
63	129.9		44.1	66.1#
89	107.5		44.3	66.5#





#51

Acenaphthene

Concen: 40.88 ng

RT: 14.47 min Scan# 1936

Delta R.T. -0.03 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Instrument :

BNA_M

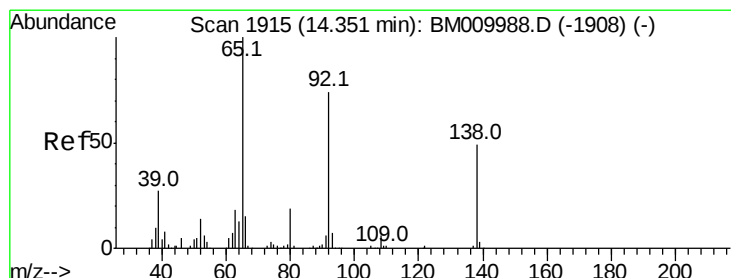
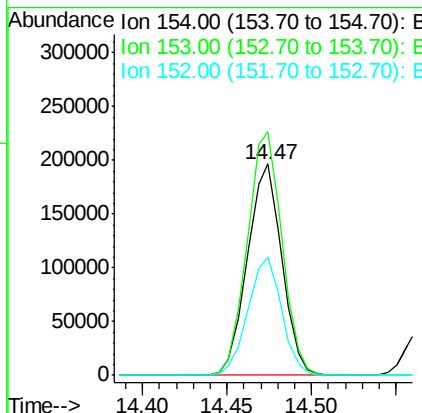
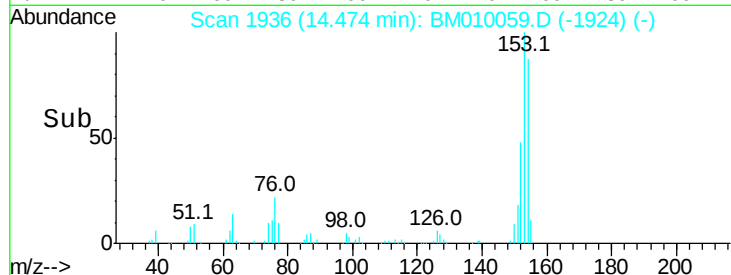
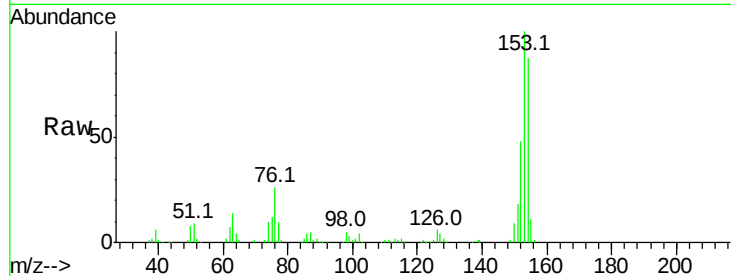
ClientSampleId :

PB99002BSD

Tot Ion:	154	Resp:	278780
Ion Ratio	Lower	Upper	
154	100		
153	115.4	90.0	135.0
152	55.7	42.6	63.8

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#52

3-Nitroaniline

Concen: 31.00 ng

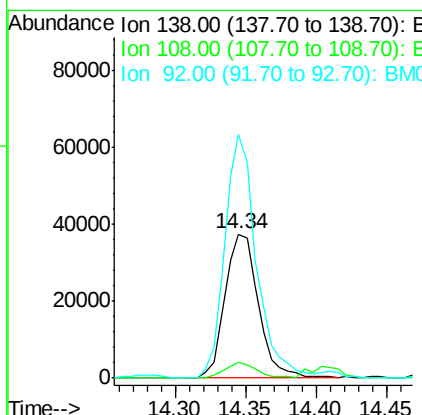
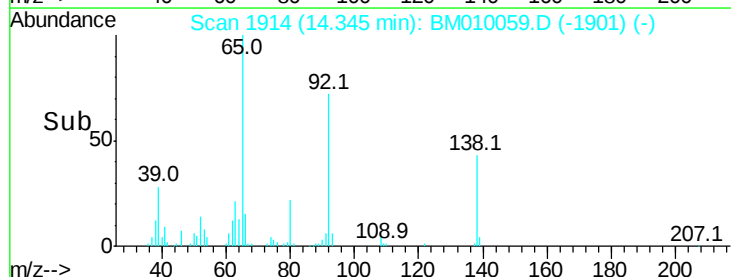
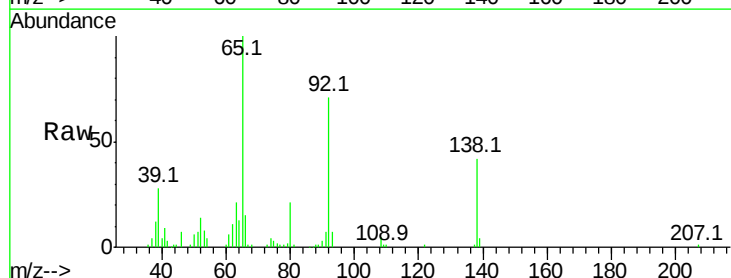
RT: 14.34 min Scan# 1914

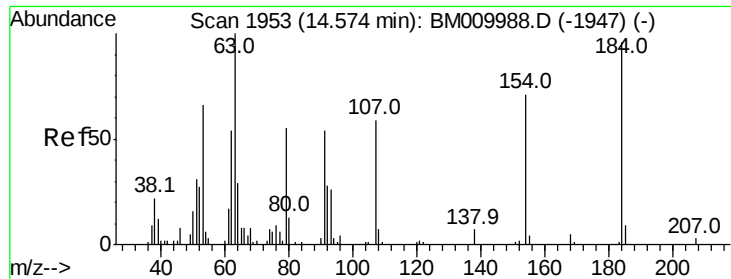
Delta R.T. -0.02 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Tgt Ion:	138	Resp:	61794
Ion Ratio	Lower	Upper	
138	100		
108	11.1	7.3	10.9#
92	169.2	76.6	114.8#





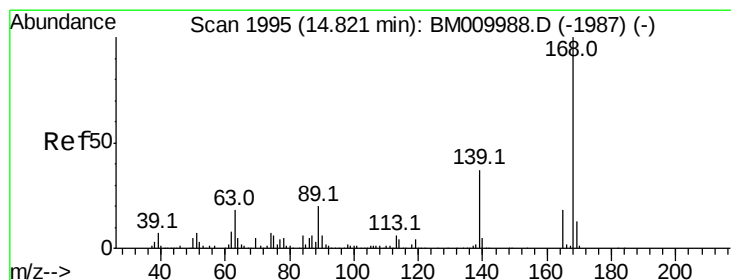
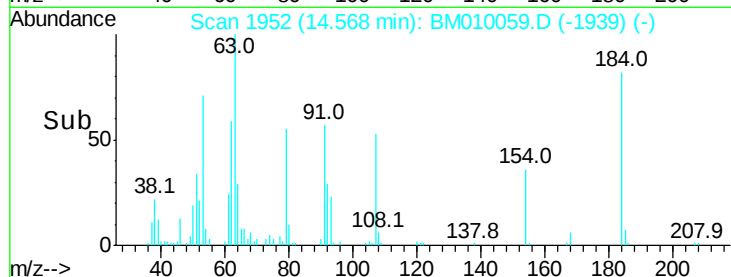
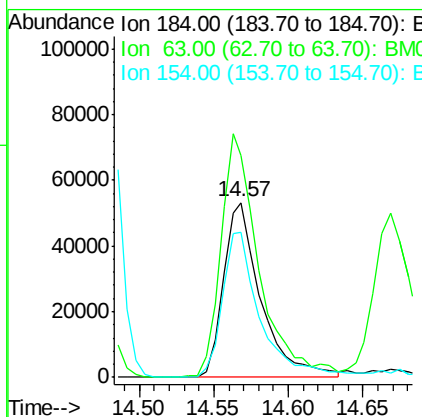
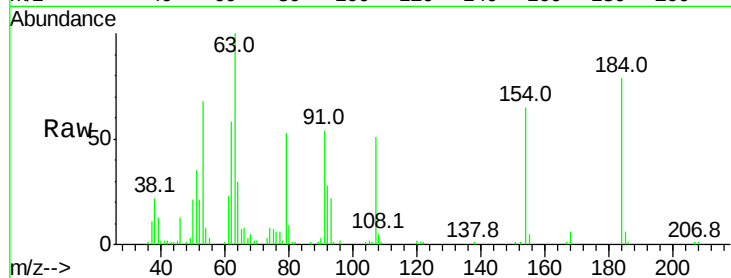
#53
2,4-Dinitrophenol
Concen: 83.09 ng
RT: 14.57 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Instrument :
BNA_M
ClientSampleId :
PB99002BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	127.2	69.2	103.8#
154	82.8	53.3	79.9#

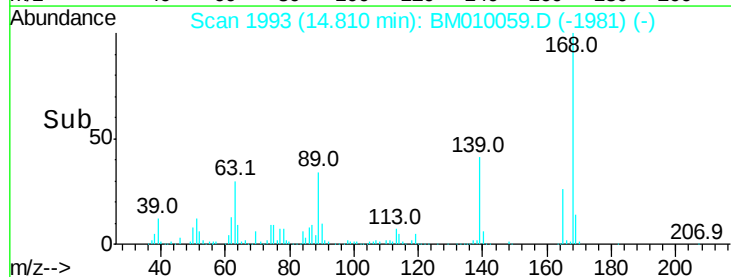
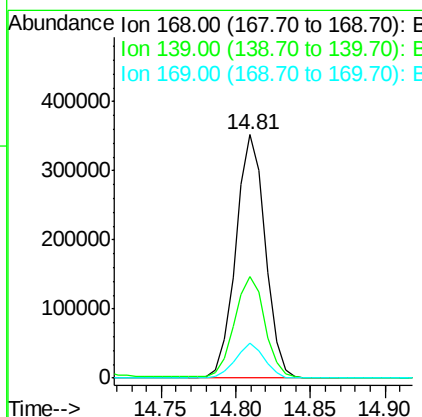
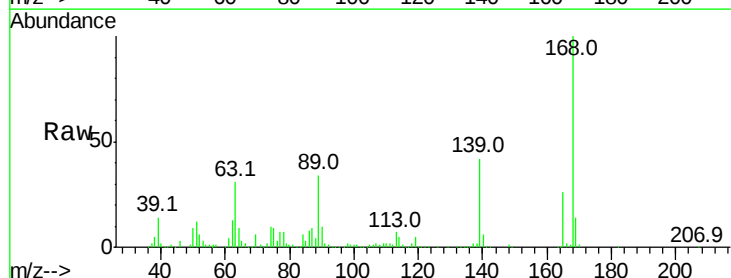
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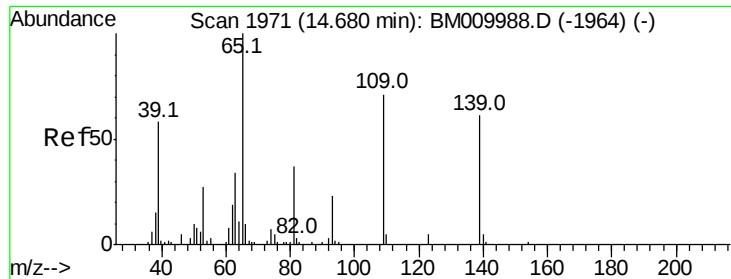
mohammad
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#54
Dibenzofuran
Concen: 46.30 ng
RT: 14.81 min Scan# 1993
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.7	27.3	40.9#
169	14.3	10.6	16.0





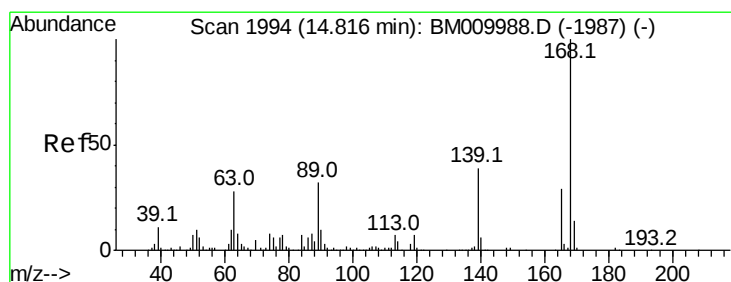
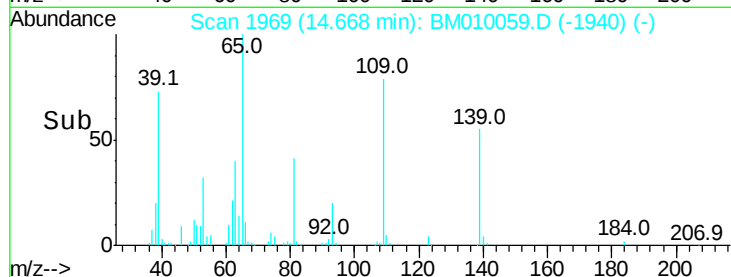
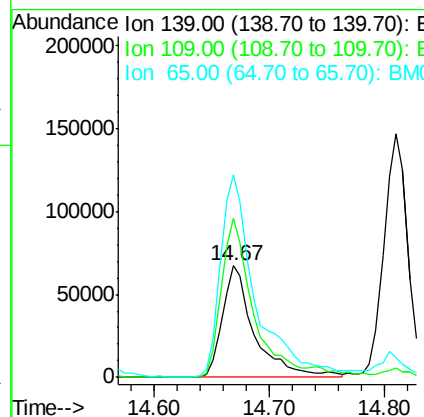
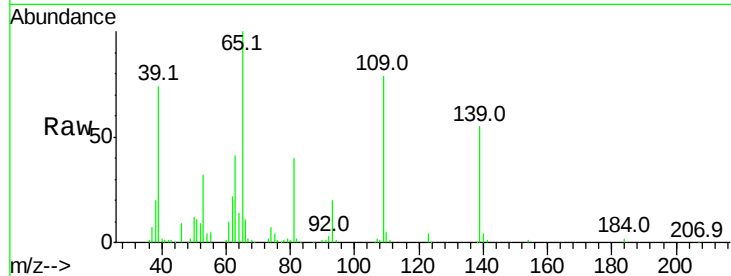
#55
4-Nitrophenol
Concen: 97.29 ng
RT: 14.67 min Scan# 1969
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Instrument :
BNA_M
ClientSampleId :
PB99002BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	142.8	37.7	77.7#	
65	181.5	49.9	89.9#	

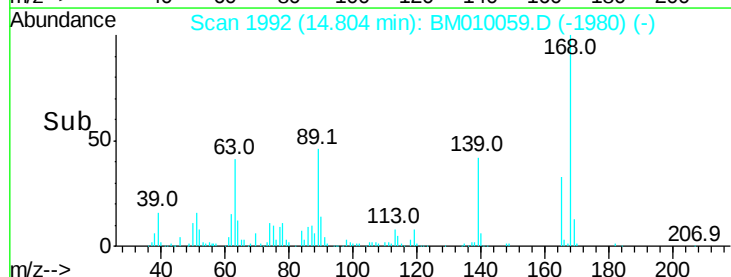
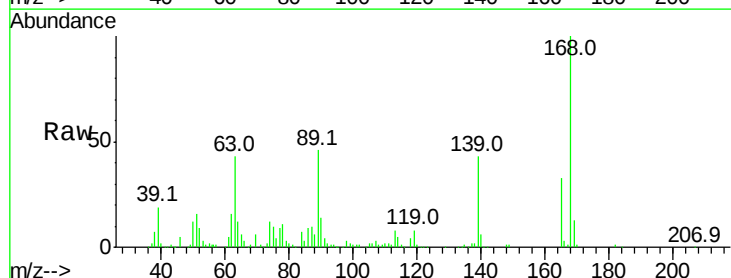
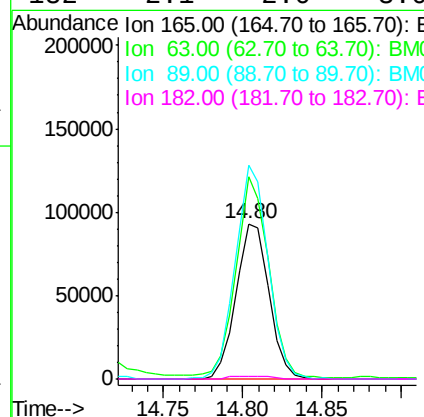
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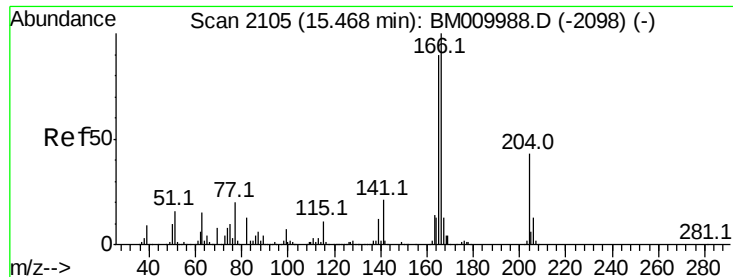
mohammad
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#56
2,4-Dinitrotoluene
Concen: 48.07 ng
RT: 14.80 min Scan# 1992
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	129.9	52.4	78.6#	
89	137.4	72.4	108.6#	
182	2.1	2.0	3.0	





#57

Fluorene

Concen: 44.05 ng

RT: 15.46 min Scan# 2104

Delta R.T. -0.03 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Instrument :

BNA_M

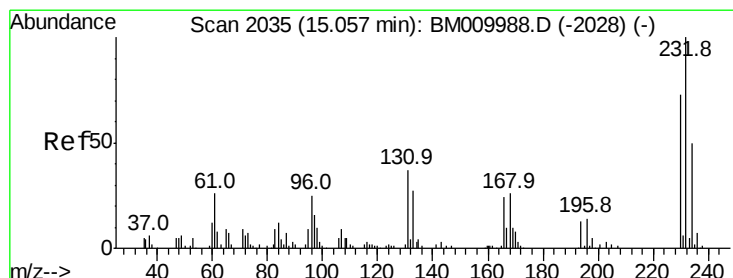
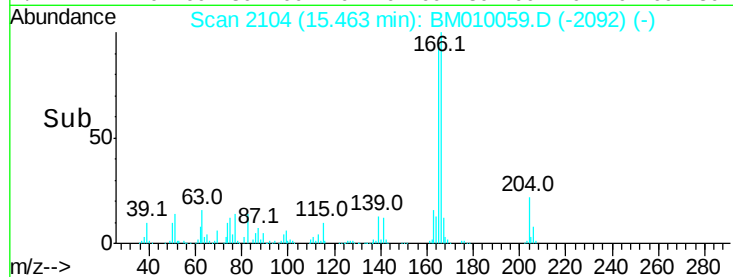
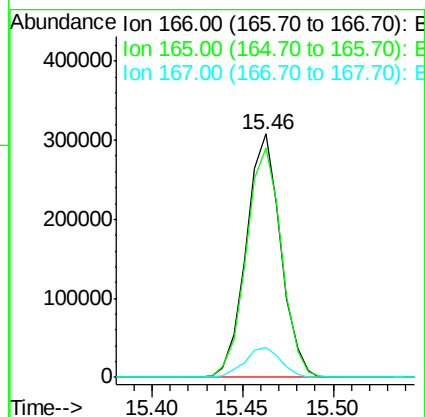
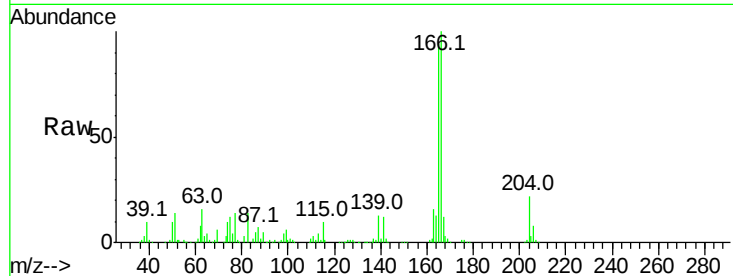
ClientSampleId :

PB99002BSD

Tot Ion:	166	Resp:	405794
Ion Ratio	Lower	Upper	
166	100		
165	94.4	79.0	118.4
167	12.2	10.3	15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.82 ng

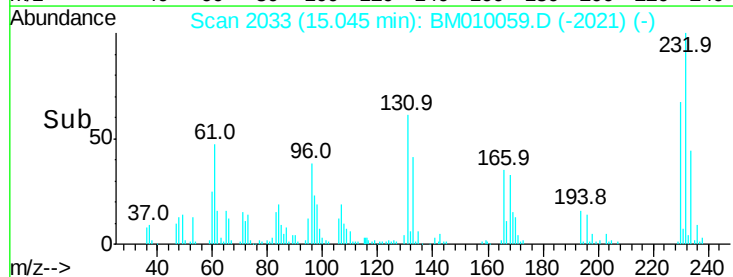
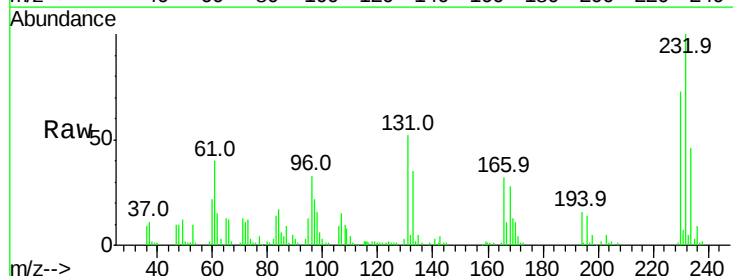
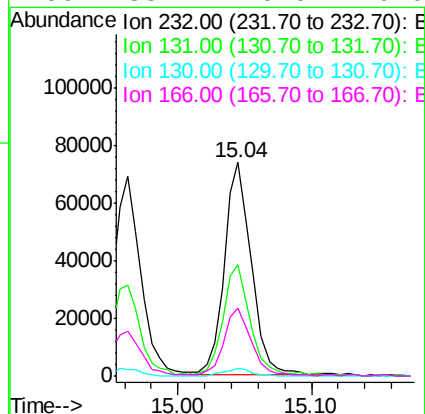
RT: 15.04 min Scan# 2033

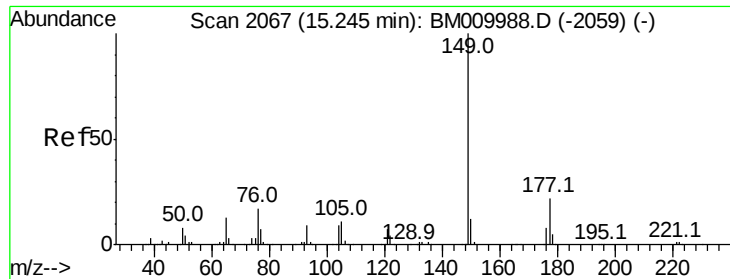
Delta R.T. -0.03 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Tgt Ion:	232	Resp:	103460
Ion Ratio	Lower	Upper	
232	100		
131	51.2	0.0	0.0#
130	3.5	0.0	0.0#
166	33.2	0.0	0.0#





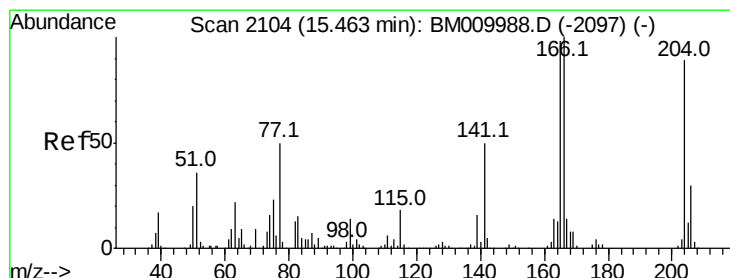
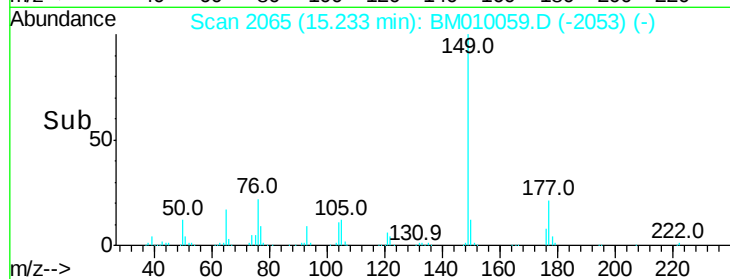
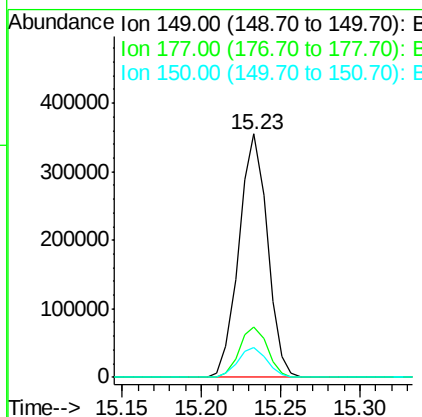
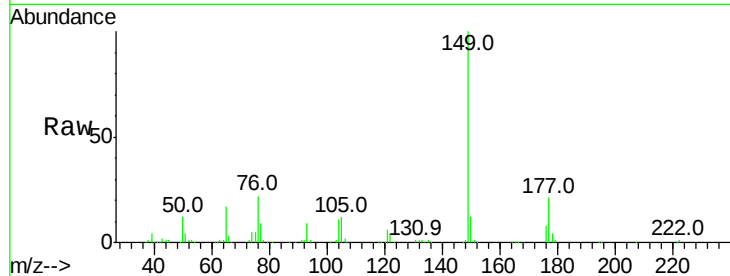
#59
Diethylphthalate
Concen: 45.44 ng
RT: 15.23 min Scan# 2065
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Instrument :
BNA_M
ClientSampleId :
PB99002BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	441914		
177	20.7	18.3	27.5	
150	12.2	9.8	14.8	

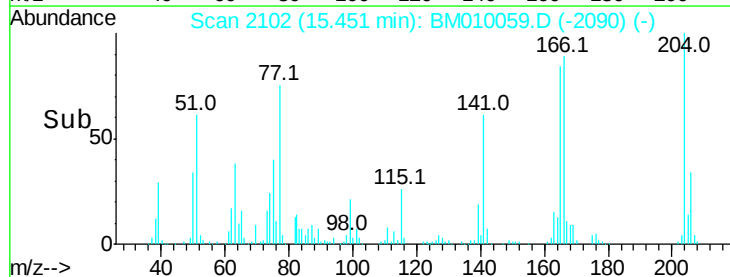
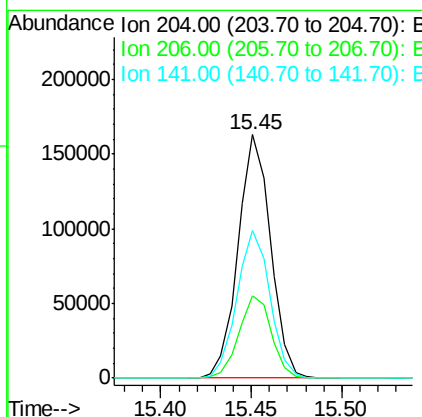
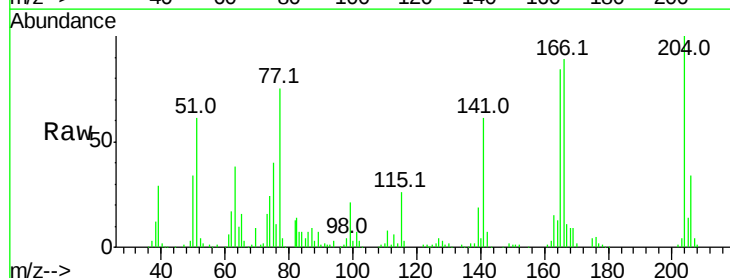
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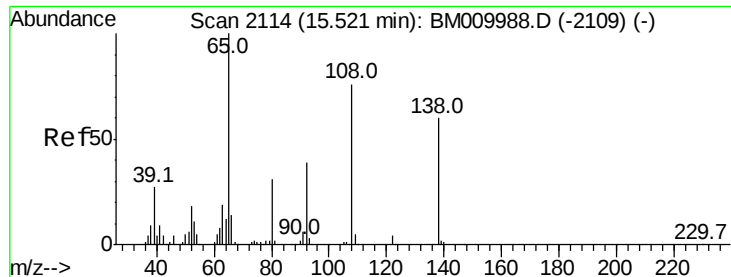
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 40.37 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	203085		
206	33.8	26.6	39.8	
141	60.6	45.2	67.8	





#61

4-Nitroaniline

Concen: 46.20 ng

RT: 15.52 min Scan# 2114

Delta R.T. -0.02 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Instrument :

BNA_M

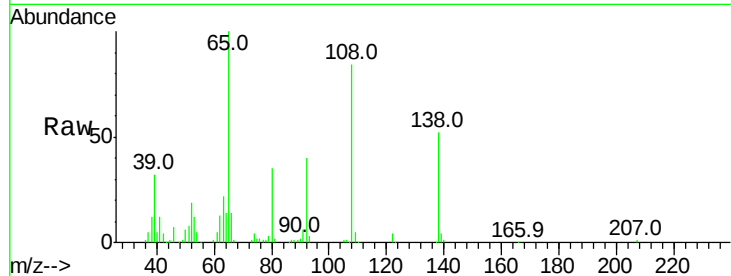
ClientSampleId :

PB99002BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	76.5	16.7	56.7#
108	160.1	37.6	77.6#

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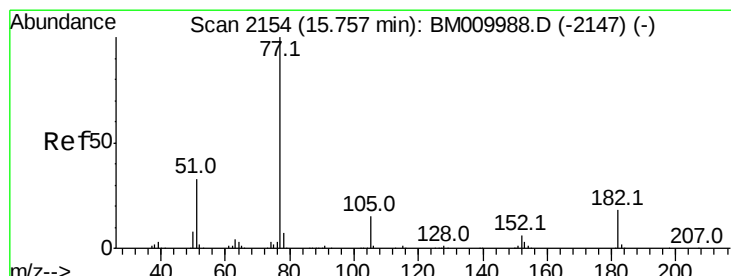
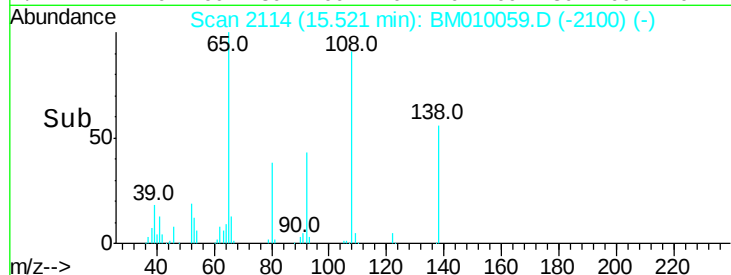
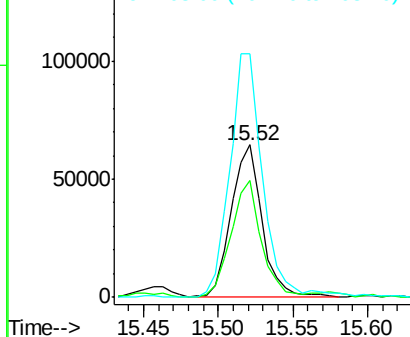
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 60.12 ng

RT: 15.74 min Scan# 2152

Delta R.T. -0.03 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

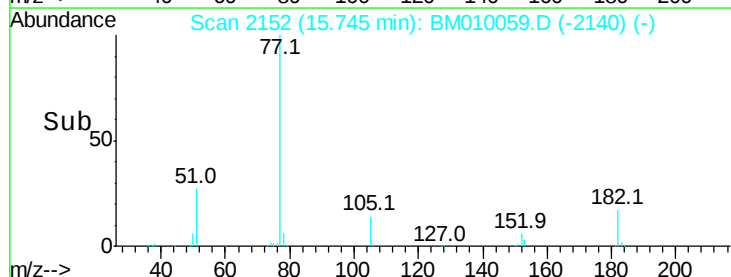
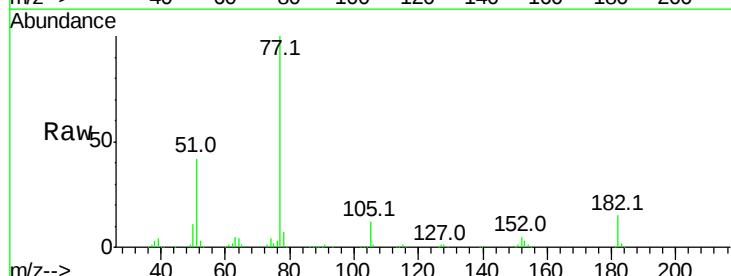
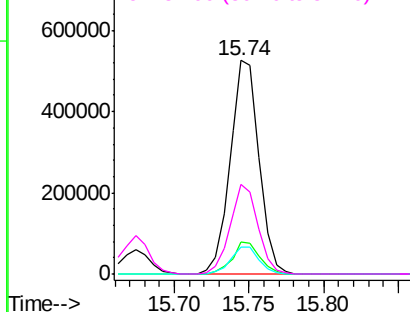
Tgt Ion	Ratio	Lower	Upper
77	100		
182	14.9	6.5	46.5
105	12.4	3.8	43.8
51	42.1	5.5	45.5

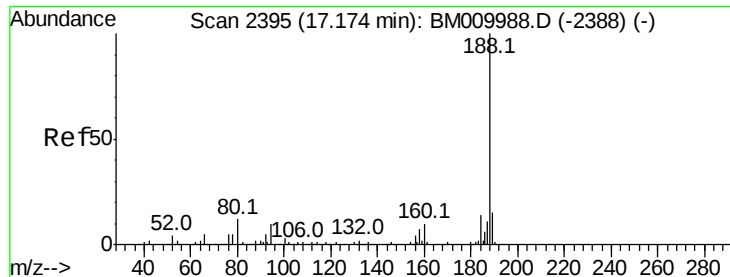
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.16 min Scan# 2393

Delta R.T. -0.04 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Instrument :

BNA_M

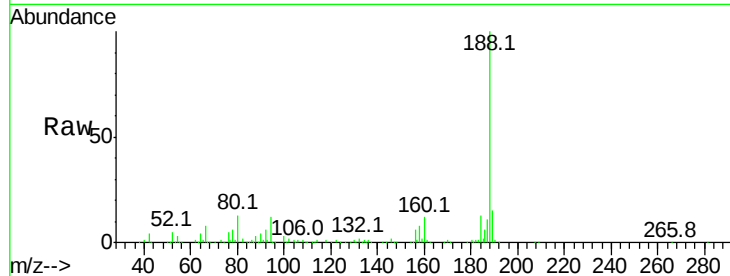
ClientSampled :

PB99002BSD

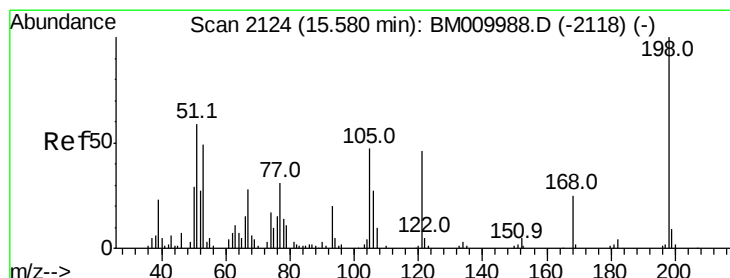
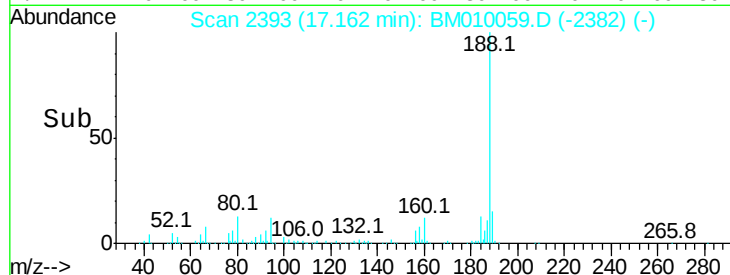
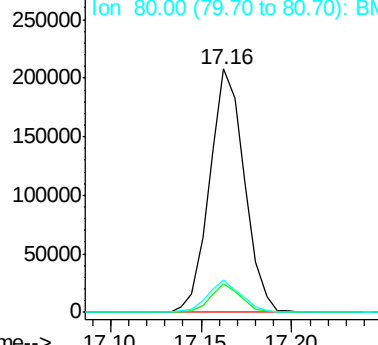
Tot Ion:	188	Resp:	276084
Ion Ratio	Lower	Upper	
188	100		
94	11.6	8.7	13.1
80	13.1	9.3	13.9

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 39.50 ng

RT: 15.57 min Scan# 2123

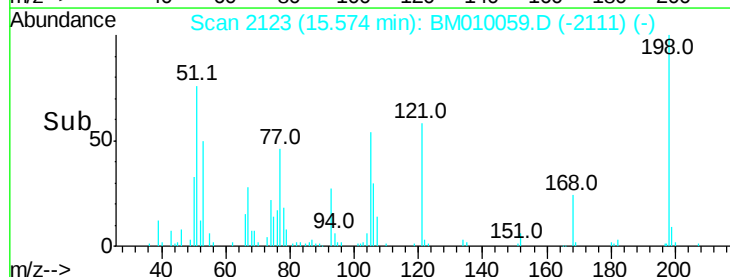
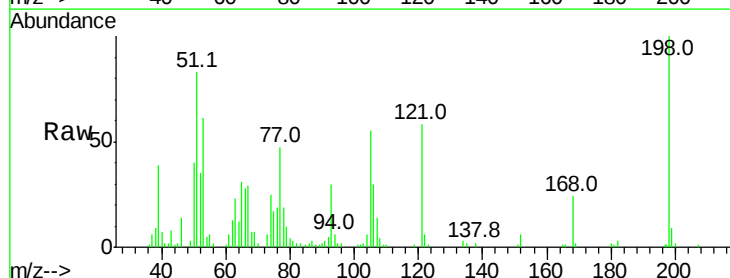
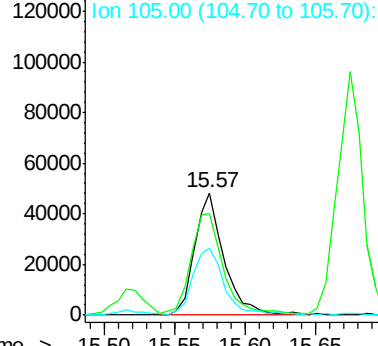
Delta R.T. -0.03 min

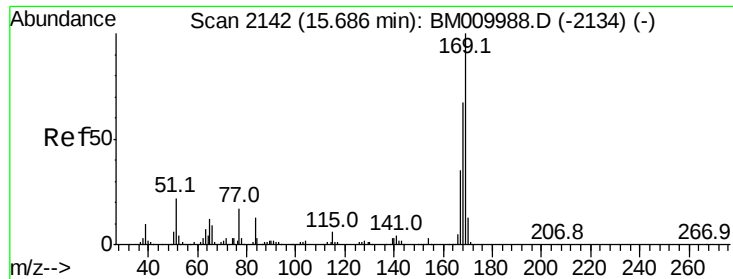
Lab File: BM010059.D

Acq: 16 May 2017 18:39

Tgt Ion:	198	Resp:	69366
Ion Ratio	Lower	Upper	
198	100		
51	83.1	28.8	68.8#
105	55.0	30.5	70.5

Abundance Ion 198.00 (197.70 to 198.70): E





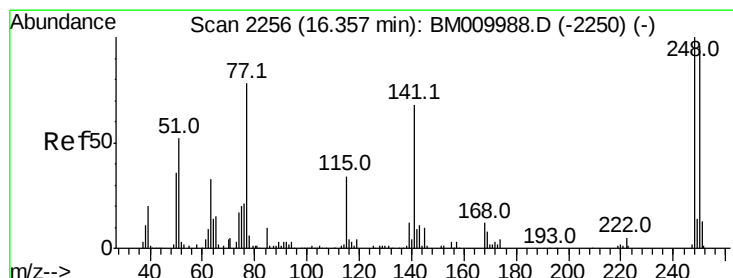
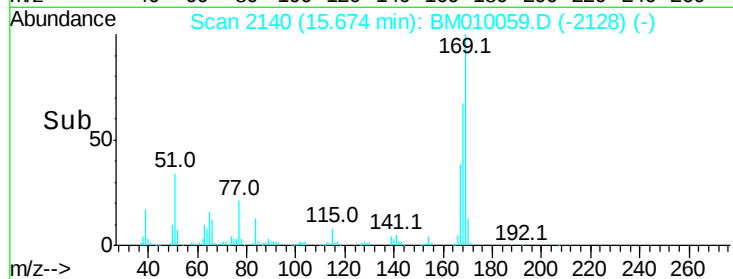
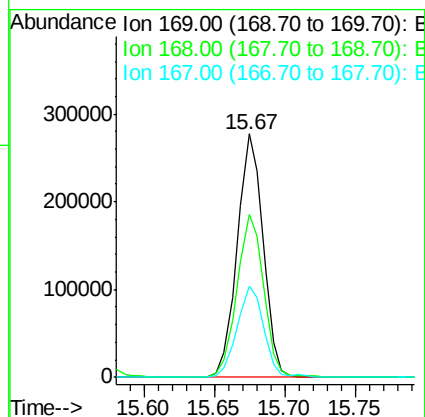
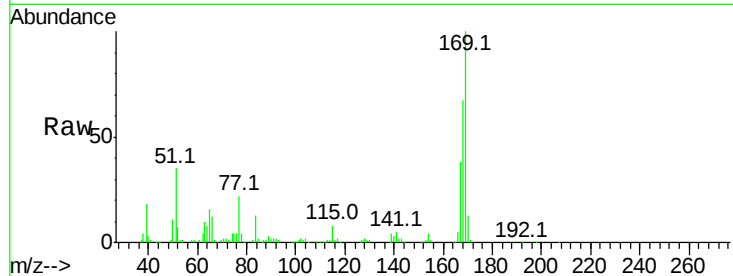
#65
n-Nitrosodiphenylamine
Concen: 41.42 ng
RT: 15.67 min Scan# 2140
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Instrument :
BNA_M
ClientSampleId :
PB99002BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.9	53.9	80.9	
167	37.7	28.9	43.3	

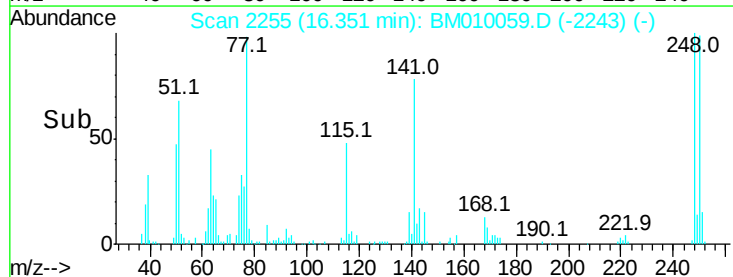
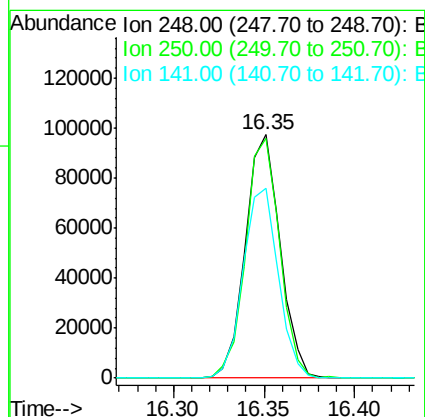
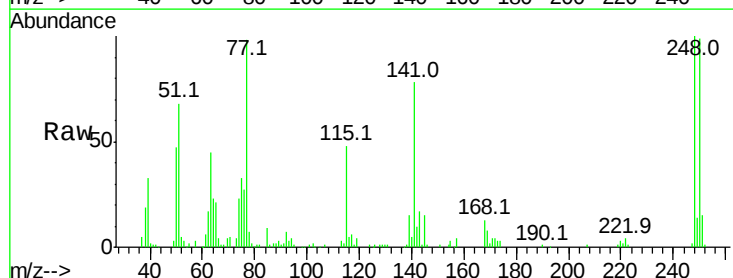
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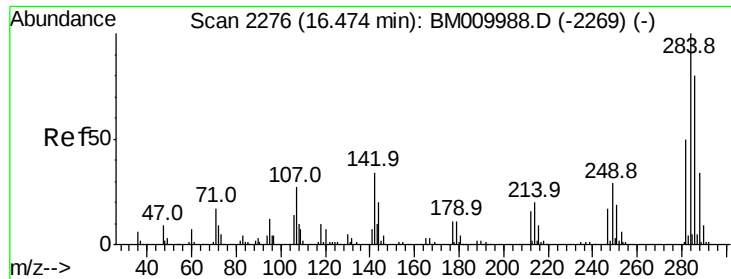
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#66
4-Bromophenyl-phenylether
Concen: 39.59 ng
RT: 16.35 min Scan# 2255
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.6	77.4	116.0	
141	78.1	45.2	67.8	





#67

Hexachlorobenzene

Concen: 38.76 ng

RT: 16.46 min Scan# 2274

Delta R.T. -0.04 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Instrument :

BNA_M

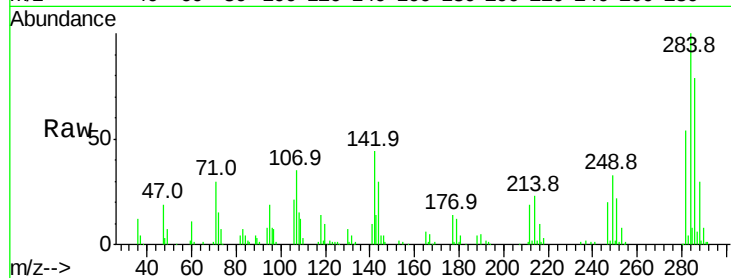
ClientSampled :

PB99002BSD

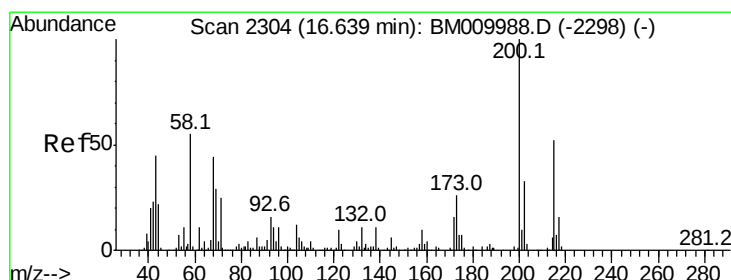
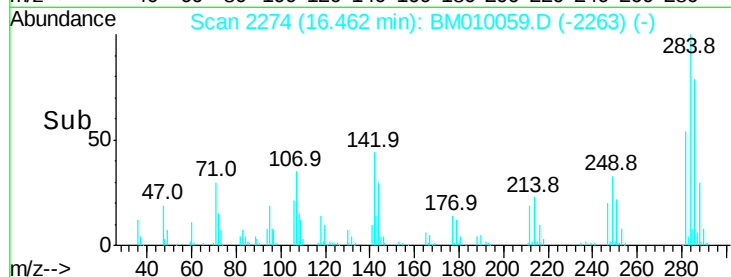
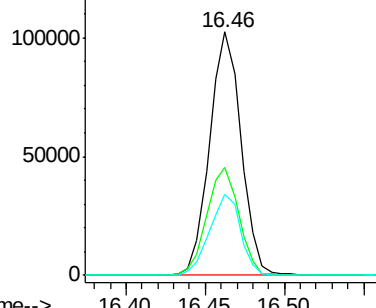
Tot Ion:	284	Resp:	141053
Ion Ratio		Lower	Upper
284	100		
142	44.4	20.4	30.6#
249	33.1	23.8	35.6

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



#68

Atrazine

Concen: 43.90 ng

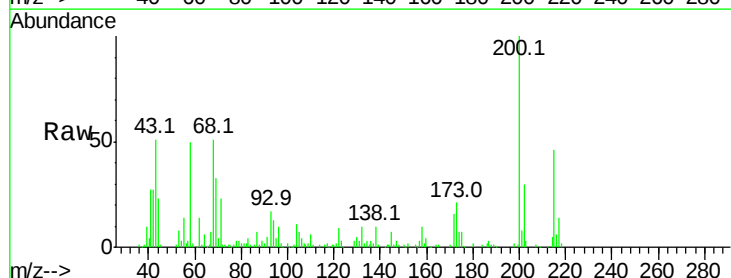
RT: 16.63 min Scan# 2303

Delta R.T. -0.02 min

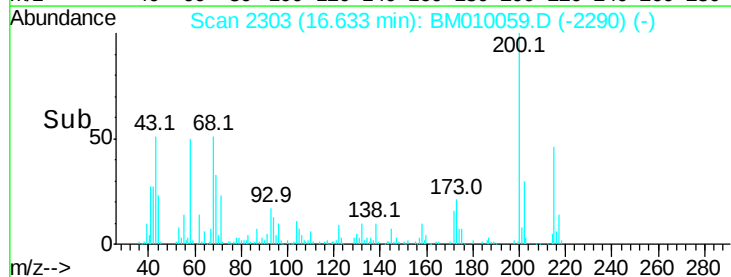
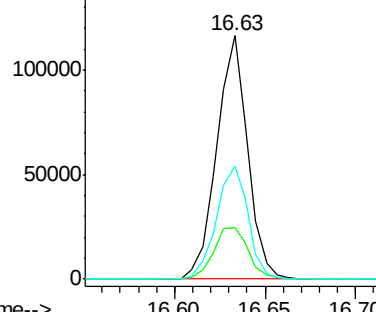
Lab File: BM010059.D

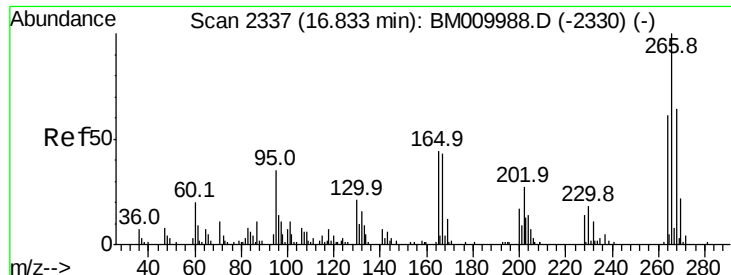
Acq: 16 May 2017 18:39

Tgt Ion:	200	Resp:	137441
Ion Ratio		Lower	Upper
200	100		
173	21.1	4.8	44.8
215	46.2	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: 78.46 ng

RT: 16.82 min Scan# 2335

Delta R.T. -0.03 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Instrument :

BNA_M

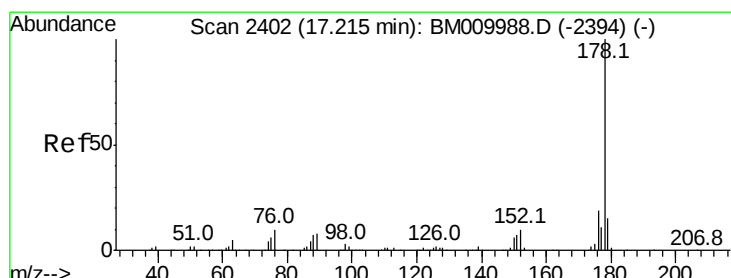
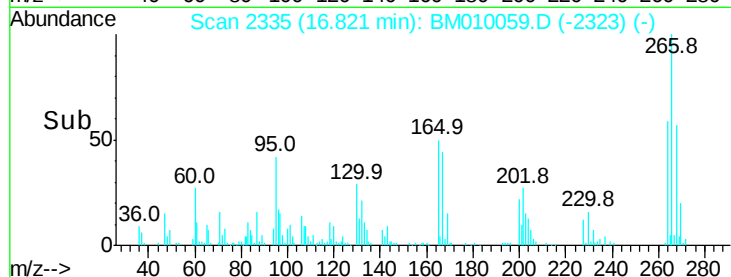
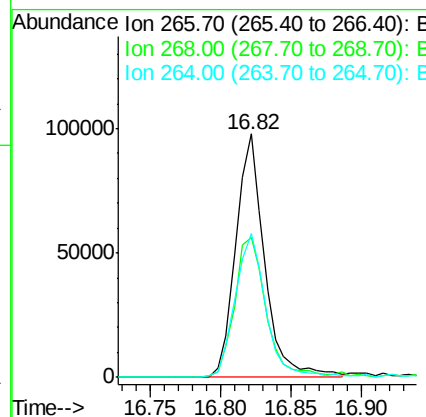
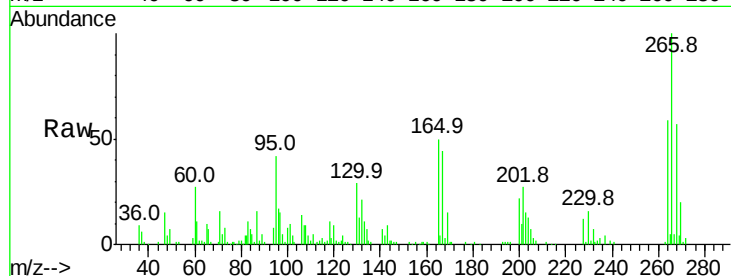
ClientSampleId :

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Tot Ion:	266	Resp:	139403
Ion Ratio		Lower	Upper
266	100		
268	57.2	52.0	78.0
264	58.9	49.0	73.4

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#70

Phenanthrene

Concen: 42.25 ng

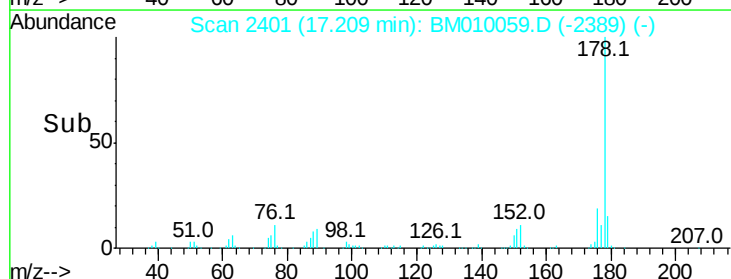
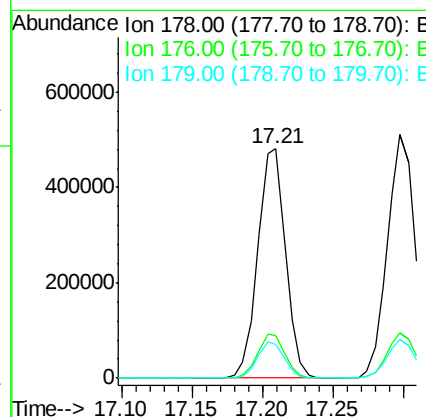
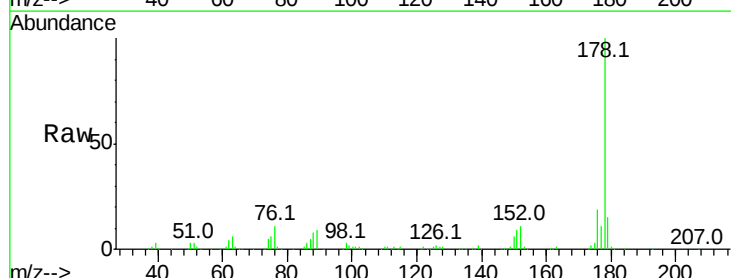
RT: 17.21 min Scan# 2401

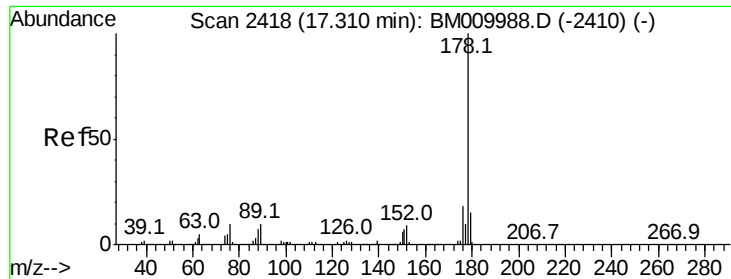
Delta R.T. -0.03 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Tgt Ion:	178	Resp:	669493
Ion Ratio		Lower	Upper
178	100		
176	18.5	15.2	22.8
179	14.9	12.1	18.1





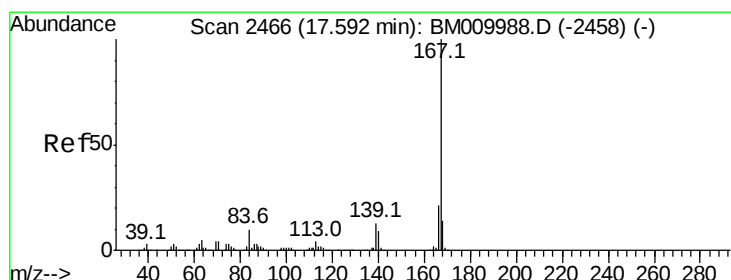
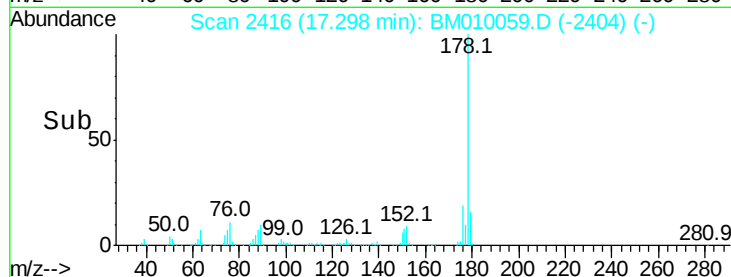
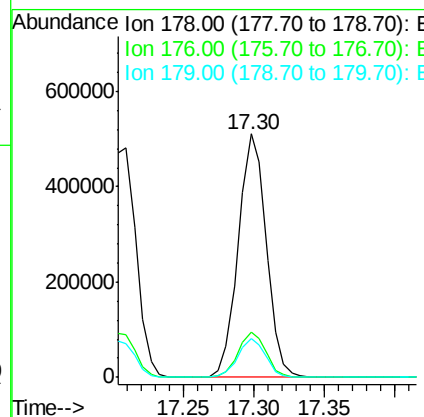
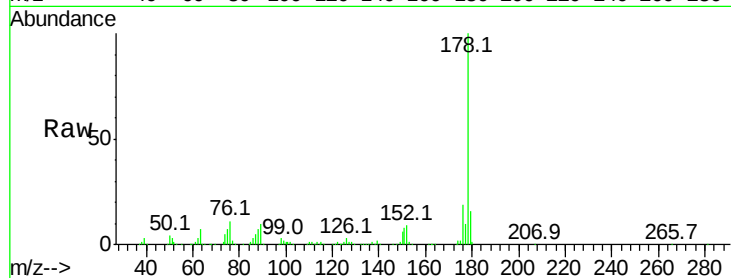
#71
 Anthracene
 Concen: 43.82 ng
 RT: 17.30 min Scan# 2416
 Delta R.T. -0.03 min
 Lab File: BM010059.D
 Acq: 16 May 2017 18:39

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	16.1	12.6	19.0

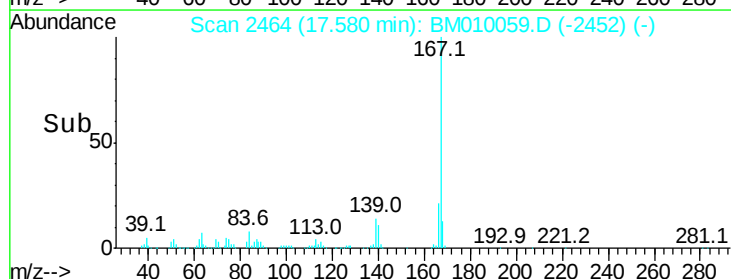
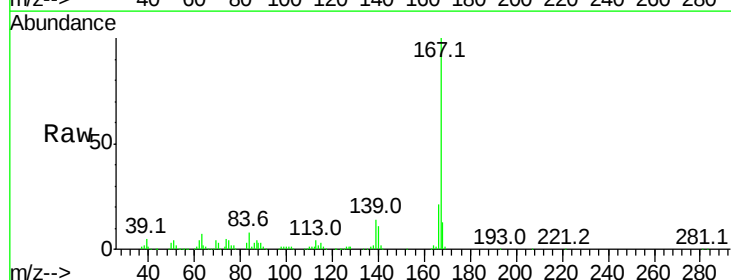
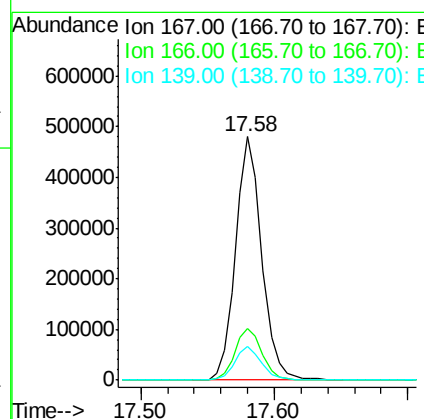
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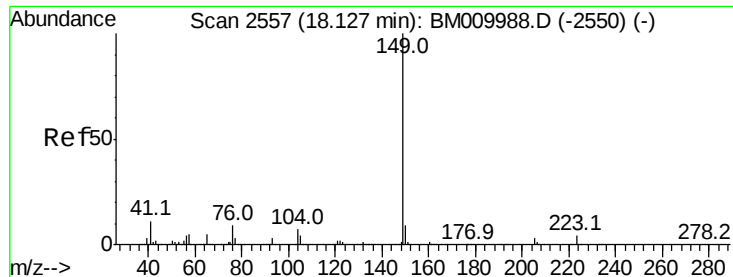
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#72
 Carbazole
 Concen: 45.54 ng
 RT: 17.58 min Scan# 2464
 Delta R.T. -0.03 min
 Lab File: BM010059.D
 Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	14.0	10.8	16.2





#73

Di-n-butylphthalate

Concen: 45.38 ng

RT: 18.12 min Scan# 2556

Delta R.T. -0.03 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Instrument :

BNA_M

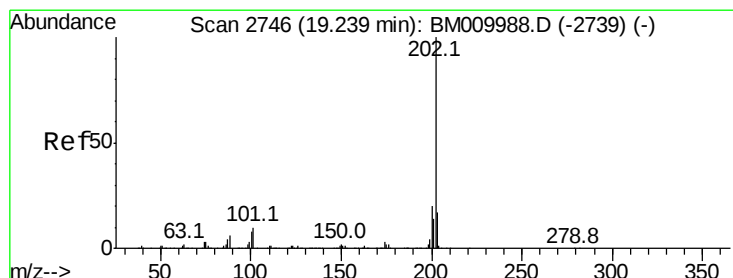
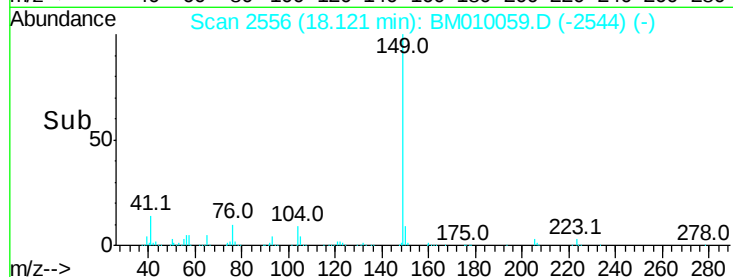
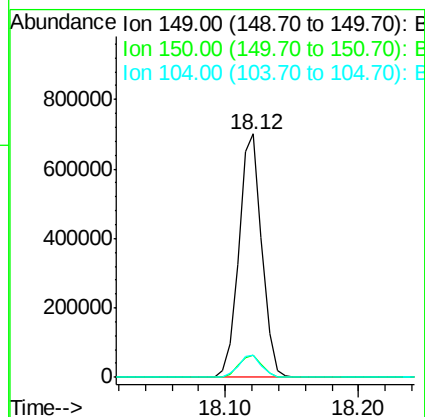
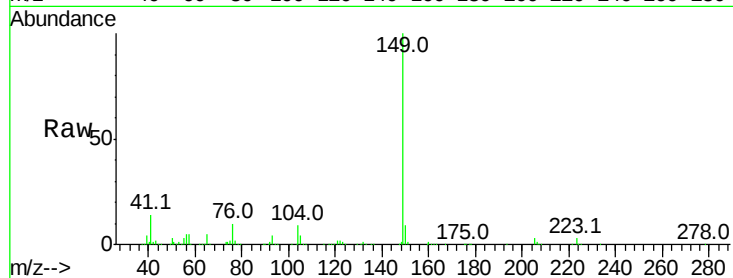
ClientSampleId :

PB99002BSD

Tot Ion:	149	Resp:	832611
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.5	11.3
104	8.9	3.7	5.5#

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#74

Fluoranthene

Concen: 42.73 ng

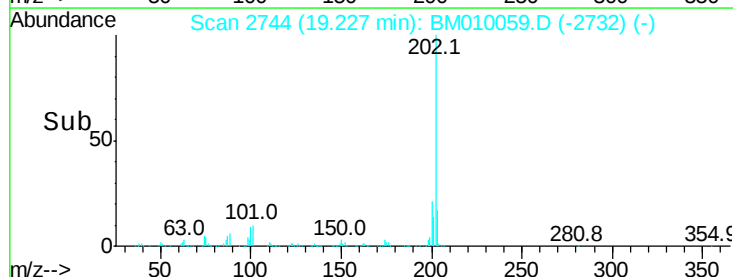
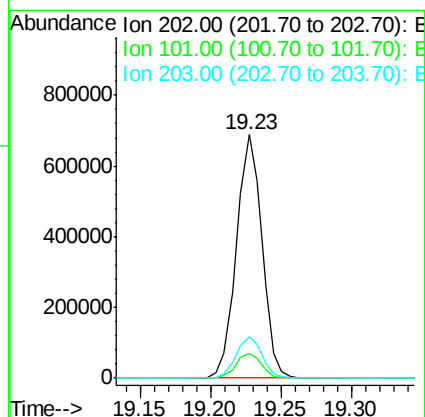
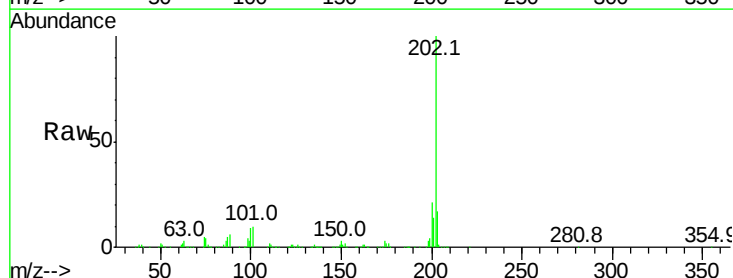
RT: 19.23 min Scan# 2744

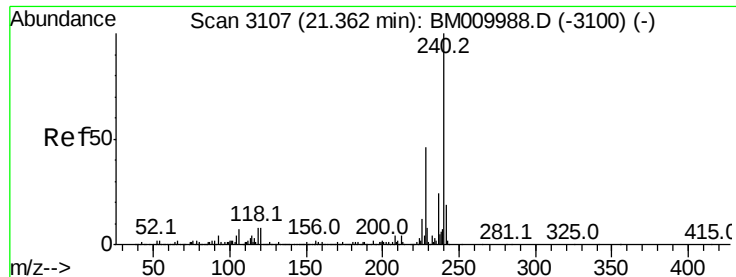
Delta R.T. -0.03 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Tgt Ion:	202	Resp:	868731
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	28.7
203	16.8	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: BM010059.D

Acq: 16 May 2017 18:39

Instrument :

BNA_M

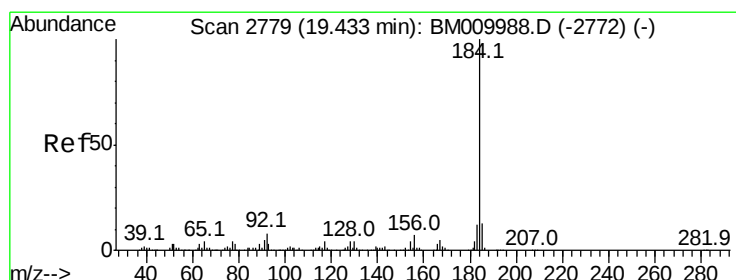
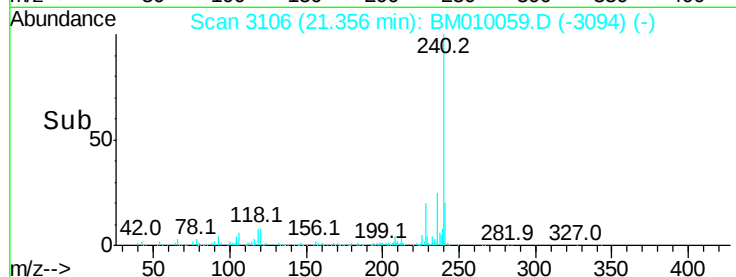
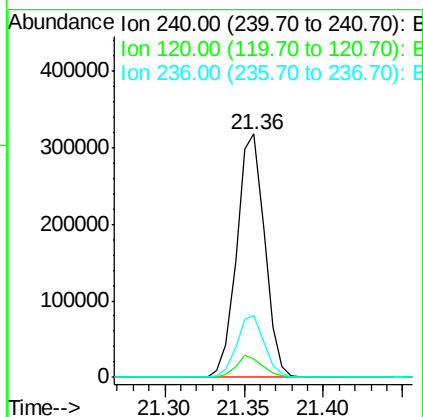
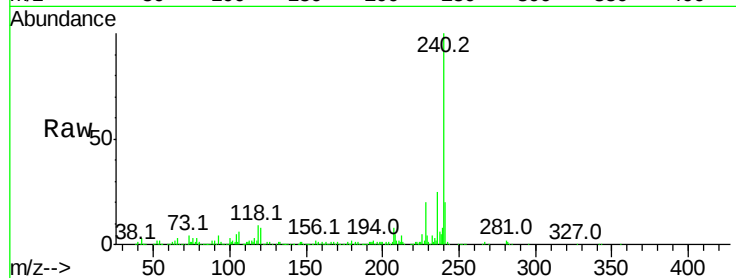
ClientSampleId :

PB99002BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.6	8.2	12.2#
236	25.2	20.0	30.0

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#76

Benzidine

Concen: 37.59 ng

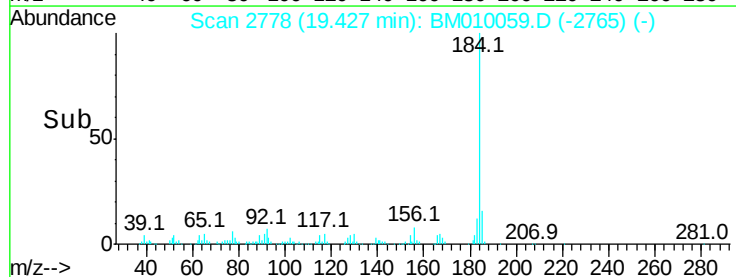
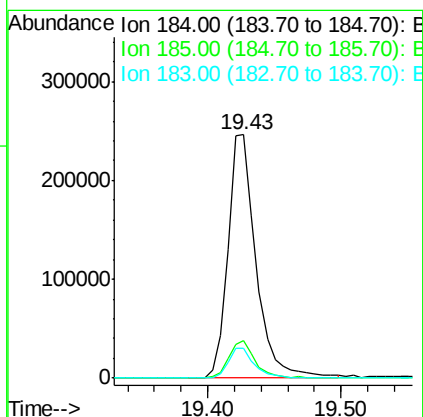
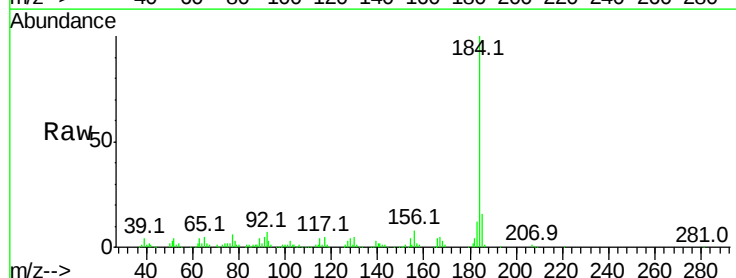
RT: 19.43 min Scan# 2778

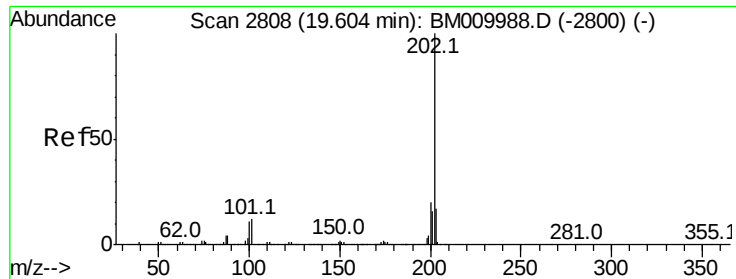
Delta R.T. -0.02 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.3	16.9
183	12.3	8.9	13.3





#77

Pvrene

Concen: 40.27 ng

RT: 19.59 min Scan# 2806

Delta R.T. -0.03 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Instrument :

BNA_M

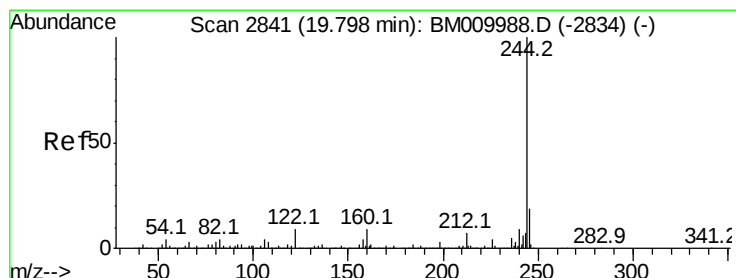
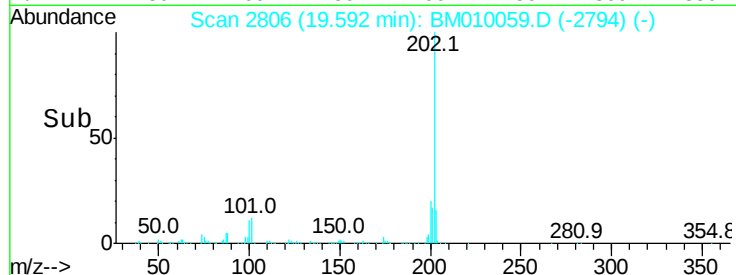
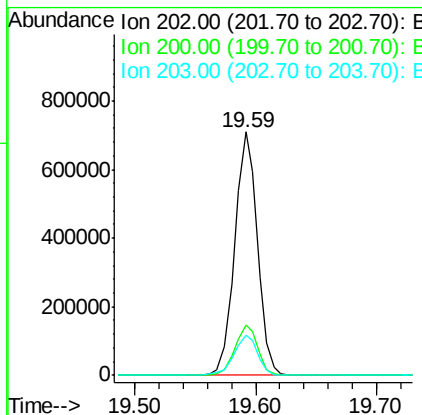
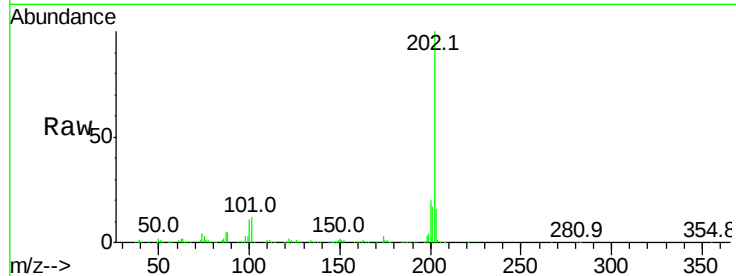
ClientSampleId :

PB99002BSD

Tot Ion:	202	Resp:	926092
Ion Ratio		Lower	Upper
202	100		
200	20.5	16.9	25.3
203	16.2	14.1	21.1

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#78

Terphenyl-d14

Concen: 80.07 ng

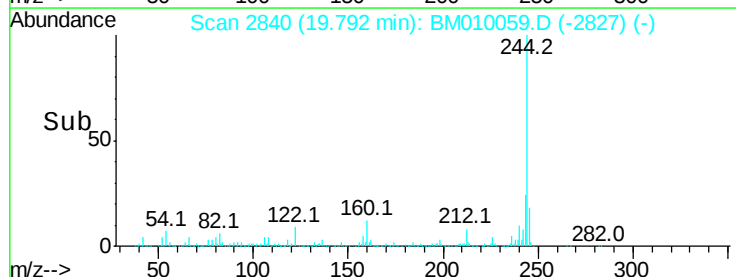
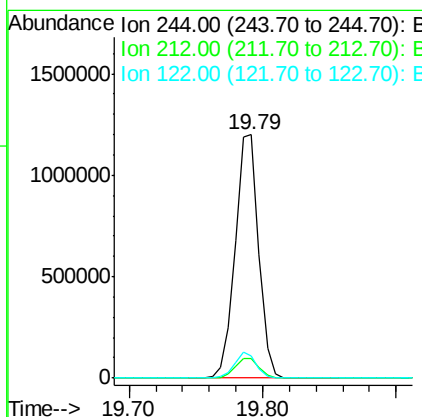
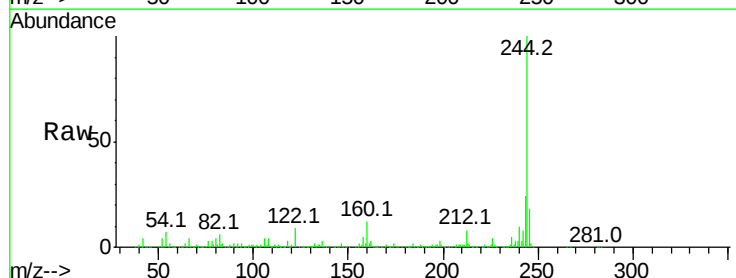
RT: 19.79 min Scan# 2840

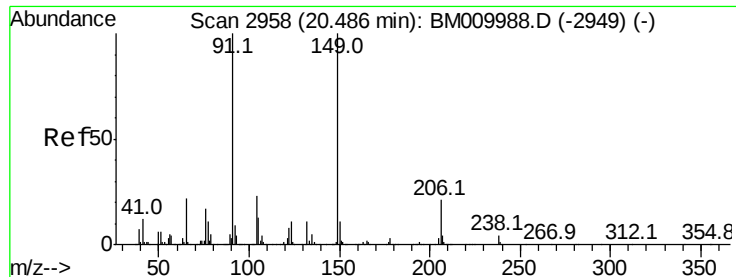
Delta R.T. -0.02 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Tgt Ion:	244	Resp:	1468051
Ion Ratio		Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	8.9	6.2	9.4





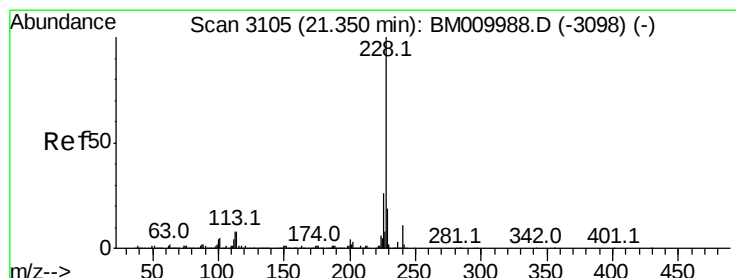
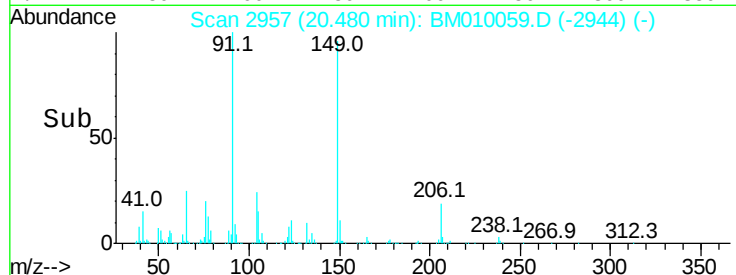
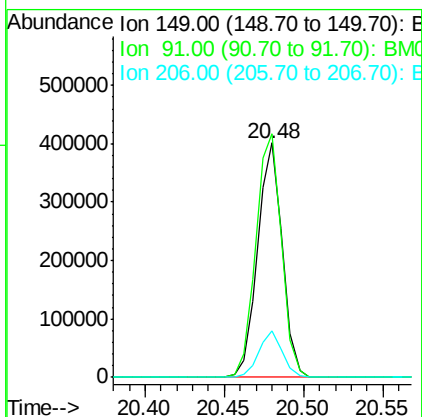
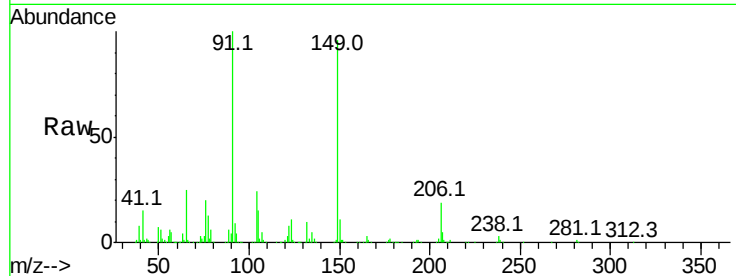
#79
Butylbenzylphthalate
Concen: 45.55 ng
RT: 20.48 min Scan# 2957
Delta R.T. -0.02 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Instrument :
BNA_M
ClientSampleId :
PB99002BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	103.8	50.1	75.1#
206	19.8	16.2	24.2

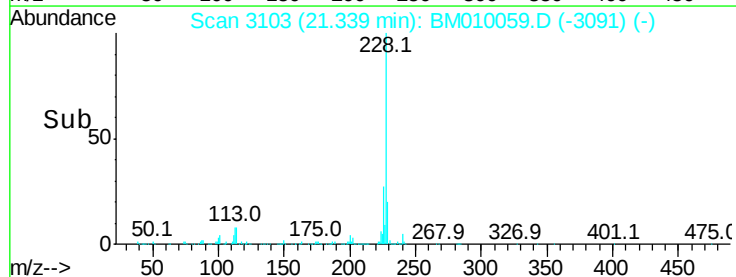
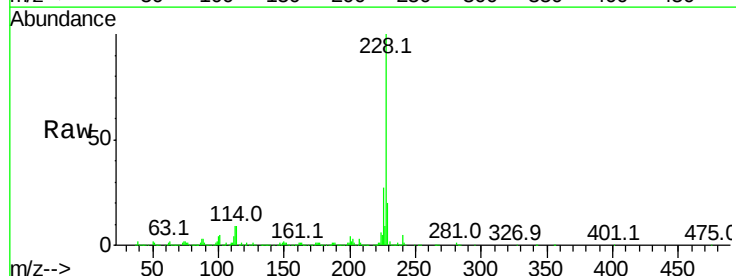
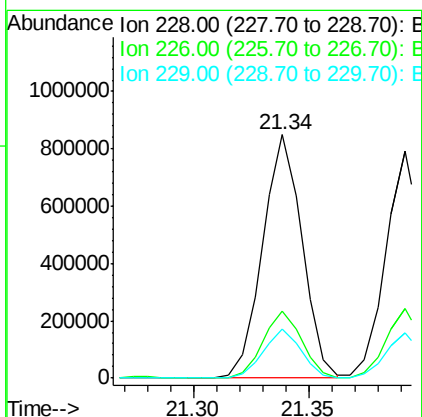
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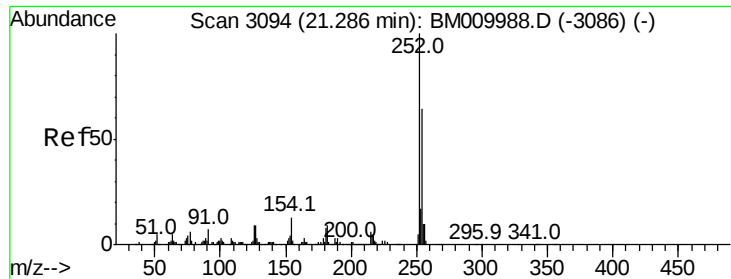
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#80
Benzo(a)anthracene
Concen: 43.26 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.03 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.7	32.5
229	20.0	16.0	24.0





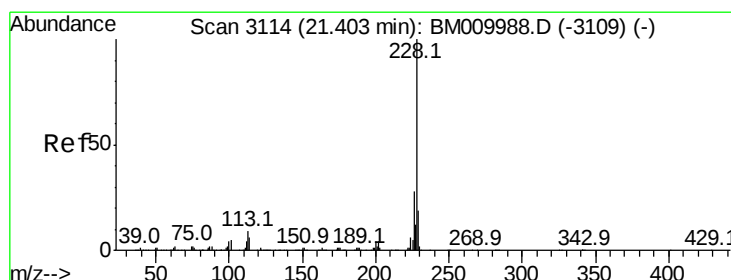
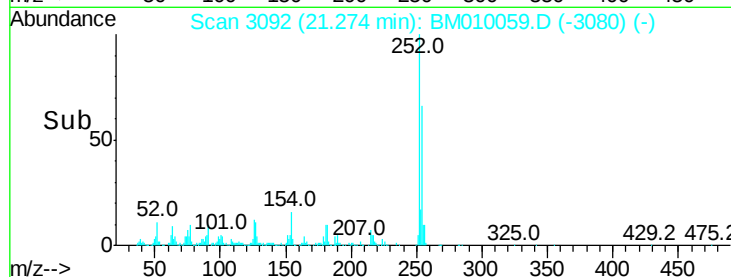
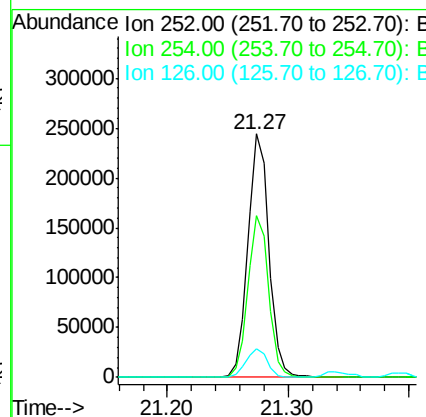
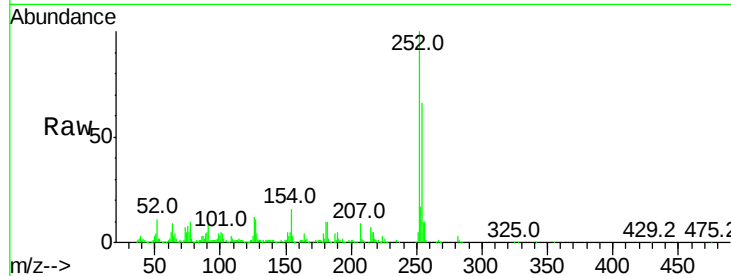
#81
 3,3'-Dichlorobenzidine
 Concen: 34.94 ng
 RT: 21.27 min Scan# 3092
 Delta R.T. -0.03 min
 Lab File: BM010059.D
 Acq: 16 May 2017 18:39

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	298860		
254	66.4	51.9	77.9	
126	11.6	9.8	14.8	

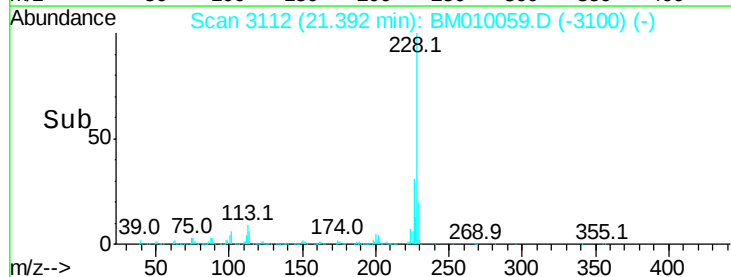
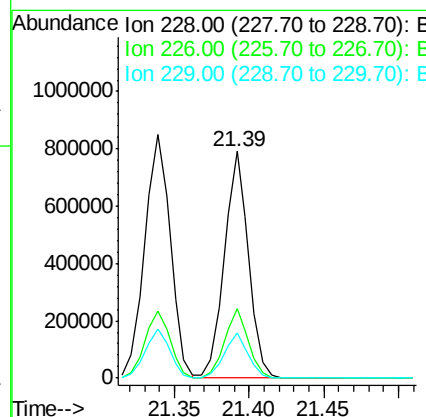
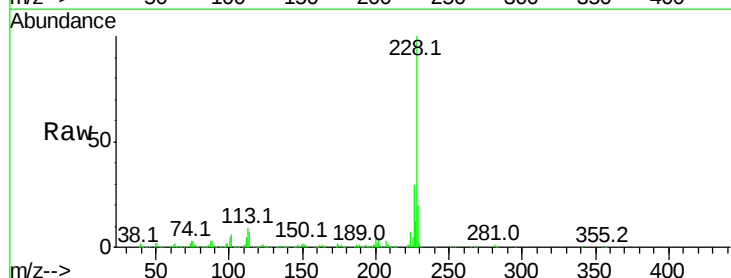
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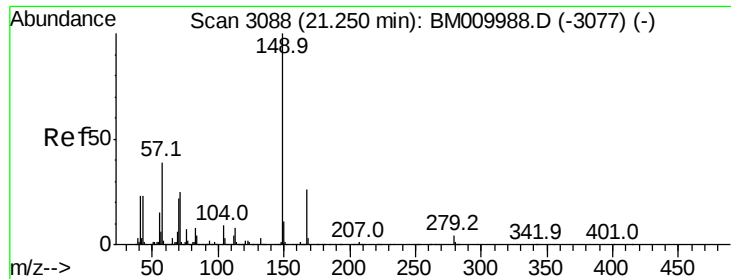
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#82
 Chrysene
 Concen: 41.19 ng
 RT: 21.39 min Scan# 3112
 Delta R.T. -0.03 min
 Lab File: BM010059.D
 Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	896875		
226	30.4	24.1	36.1	
229	19.7	15.5	23.3	





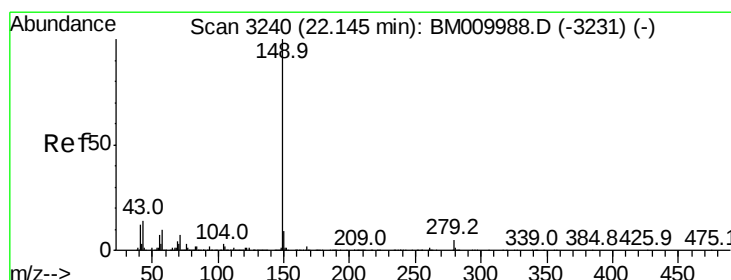
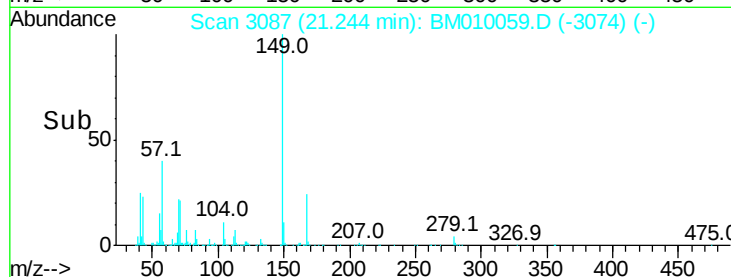
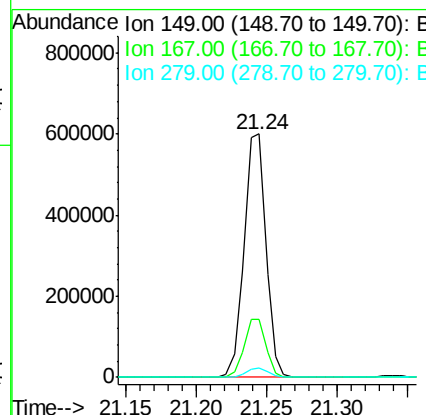
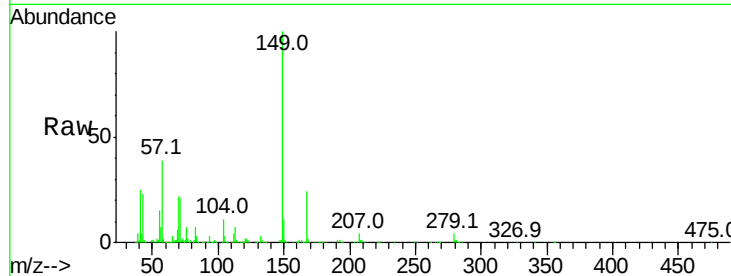
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.23 ng
 RT: 21.24 min Scan# 3087
 Delta R.T. -0.02 min
 Lab File: BM010059.D
 Acq: 16 May 2017 18:39

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	23.8	22.4	33.6
279	4.1	3.4	5.0

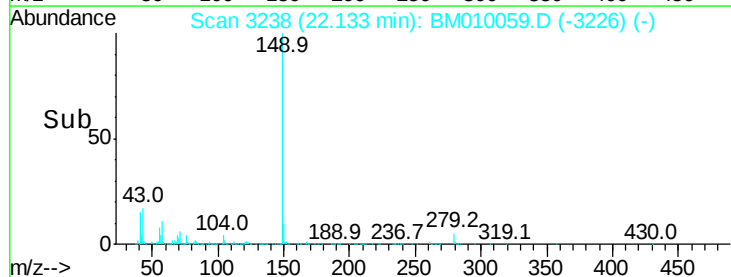
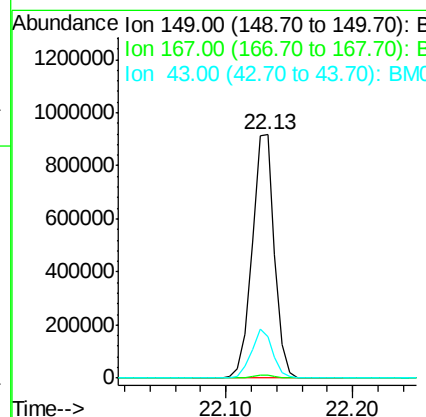
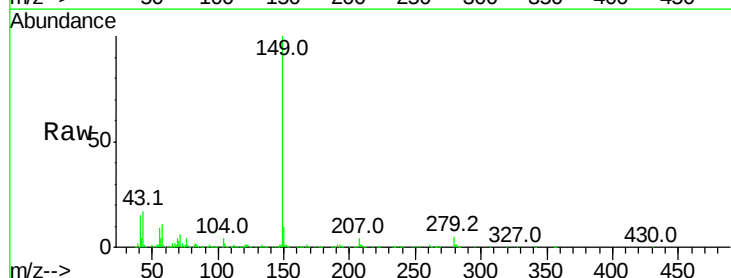
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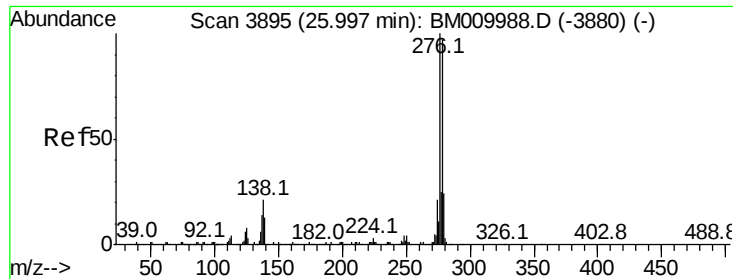
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 45.60 ng
 RT: 22.13 min Scan# 3238
 Delta R.T. -0.03 min
 Lab File: BM010059.D
 Acq: 16 May 2017 18:39

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





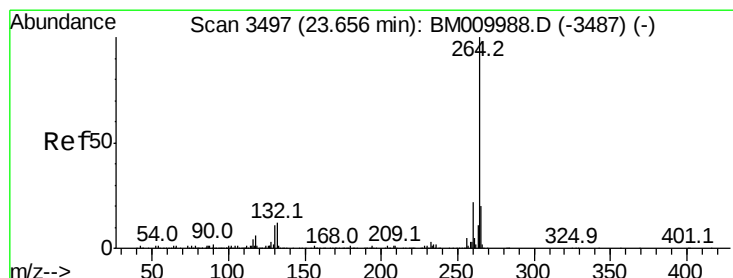
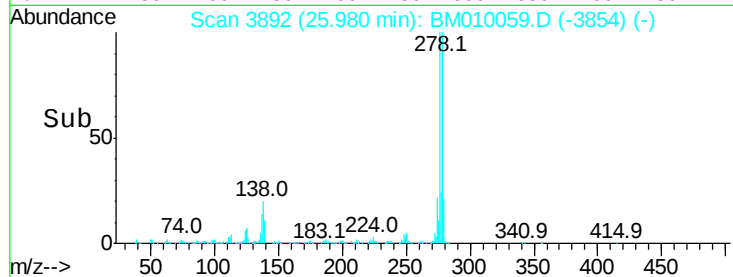
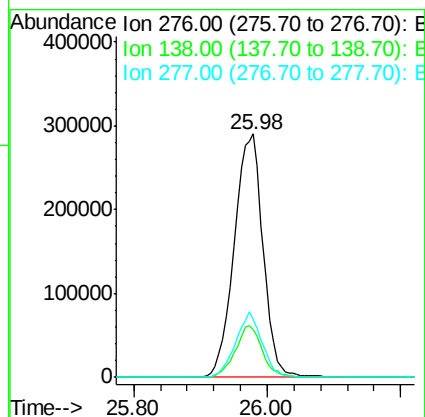
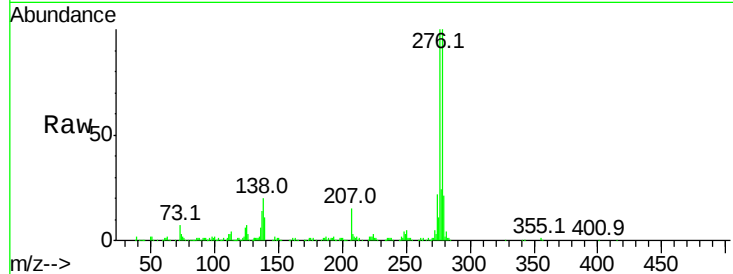
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.42 ng
RT: 25.98 min Scan# 3892
Delta R.T. -0.08 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Instrument :
BNA_M
ClientSampleId :
PB99002BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	19.9	0.0	0.0#
277	24.5	0.0	0.0#

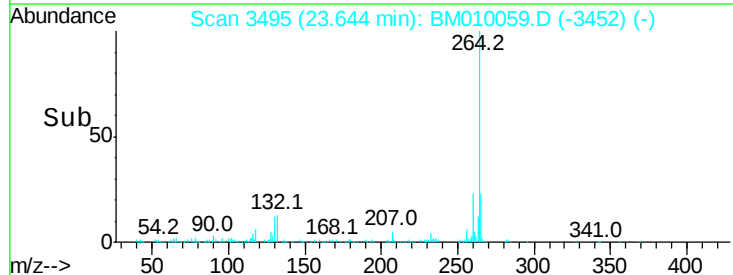
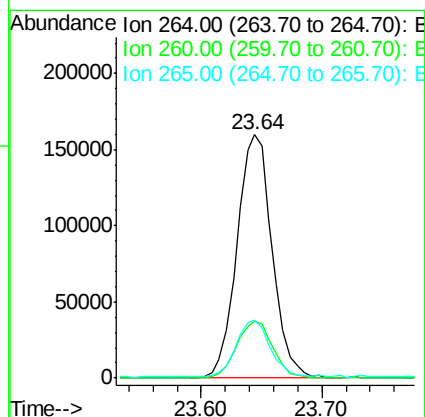
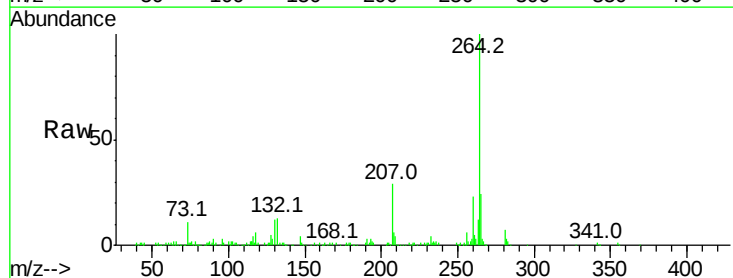
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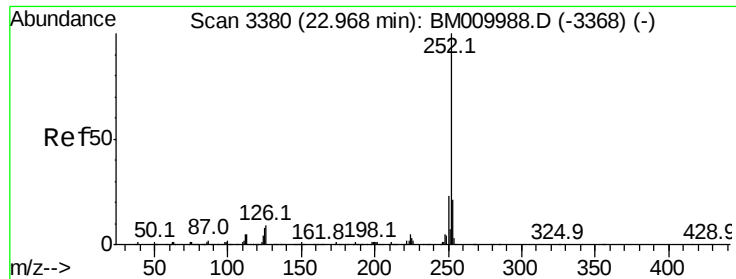
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3495
Delta R.T. -0.05 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.3	18.6	27.8
265	24.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 42.67 ng

RT: 22.95 min Scan# 3377

Delta R.T. -0.05 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Instrument :

BNA_M

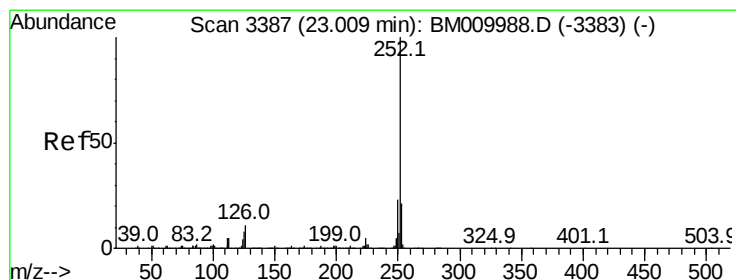
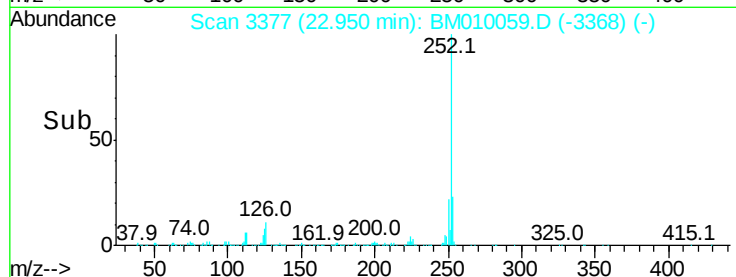
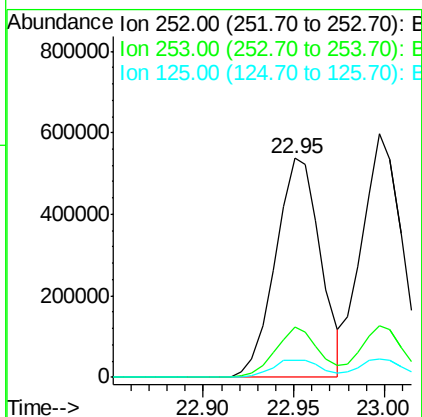
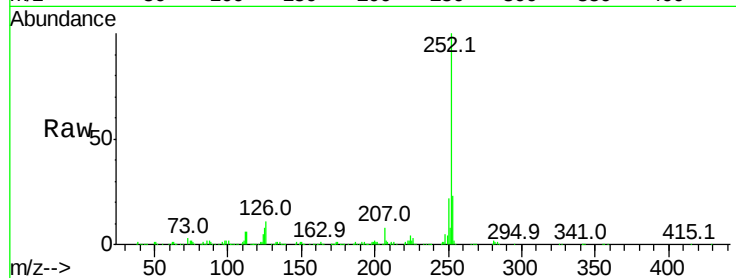
ClientSampleId :

PB99002BSD

Tot Ion:	252	Resp:	933109
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.0	27.0
125	8.0	9.9	14.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 44.06 ng

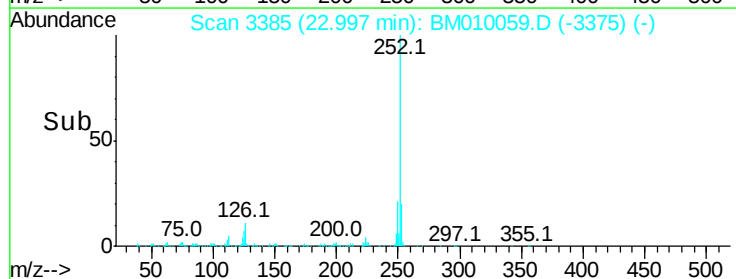
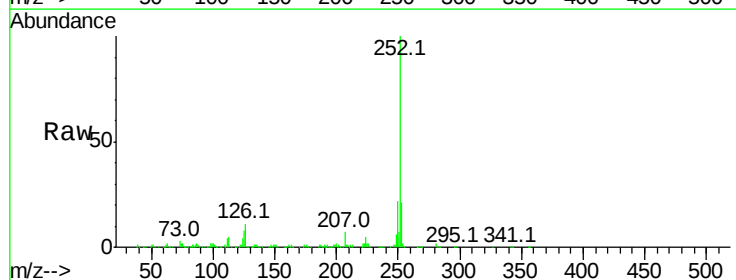
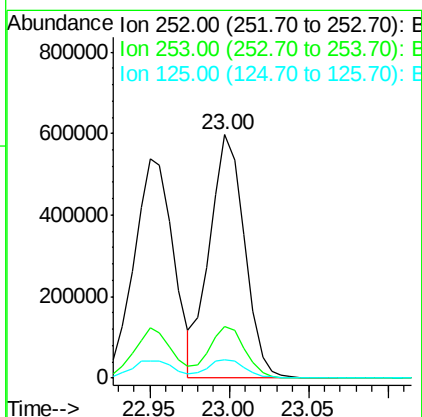
RT: 23.00 min Scan# 3385

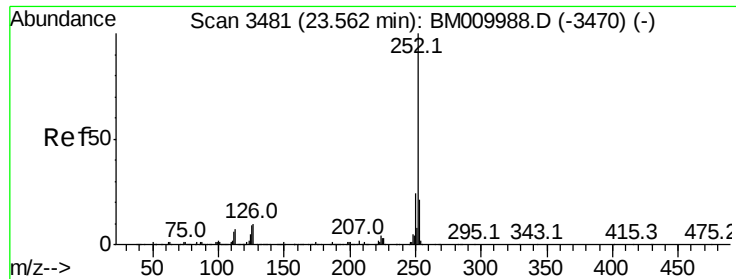
Delta R.T. -0.04 min

Lab File: BM010059.D

Acq: 16 May 2017 18:39

Tgt Ion:	252	Resp:	915530
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.2	25.8
125	7.8	8.1	12.1#





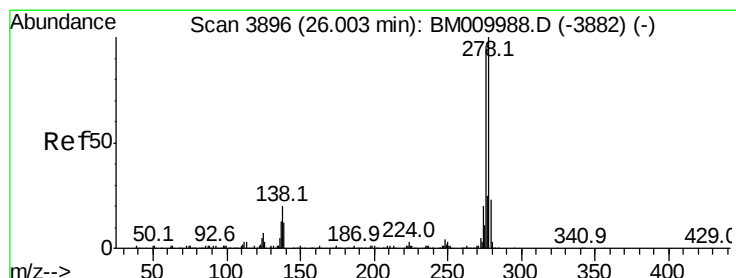
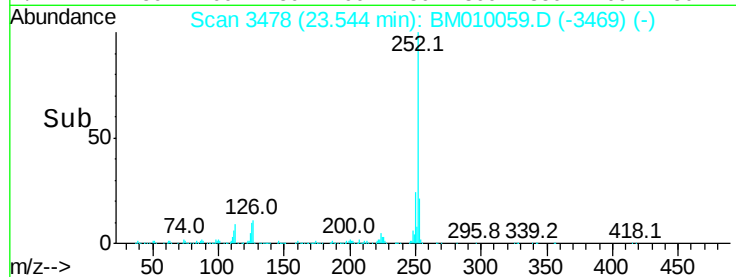
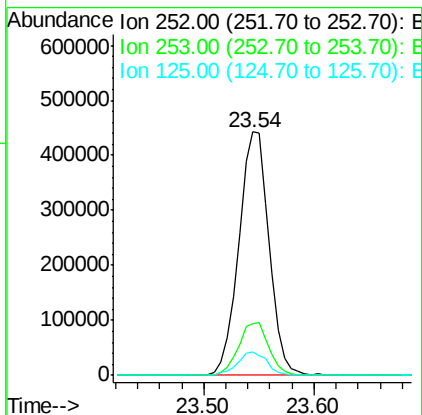
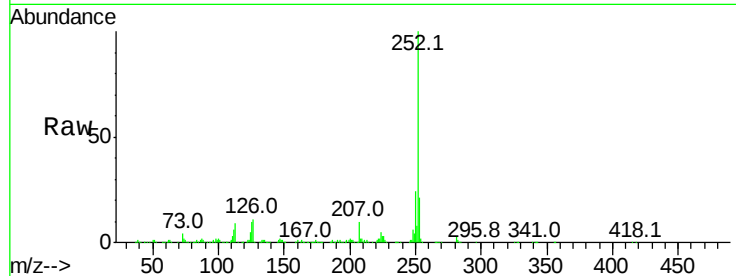
#89
Benzo(a)pyrene
Concen: 44.29 ng
RT: 23.54 min Scan# 3478
Delta R.T. -0.05 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Instrument :
BNA_M
ClientSampleId :
PB99002BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.1	17.6	26.4
125	9.8	7.4	11.2

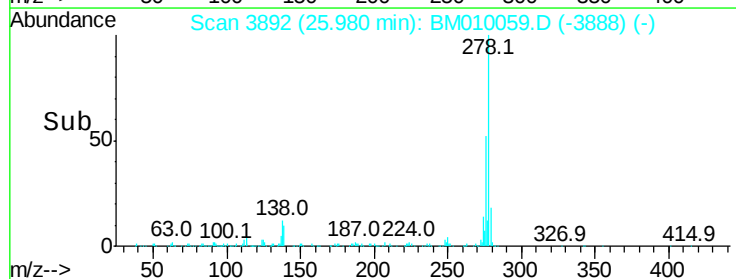
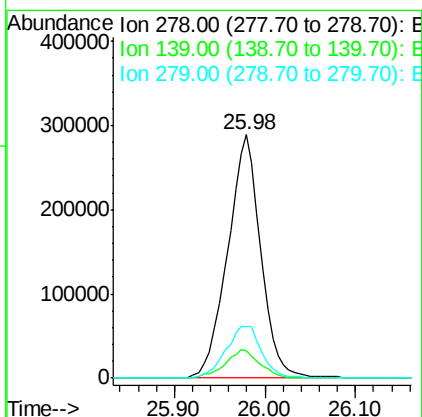
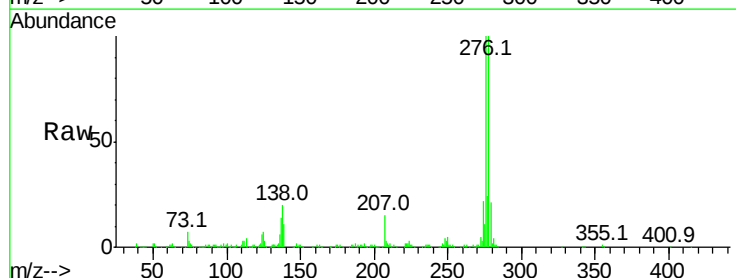
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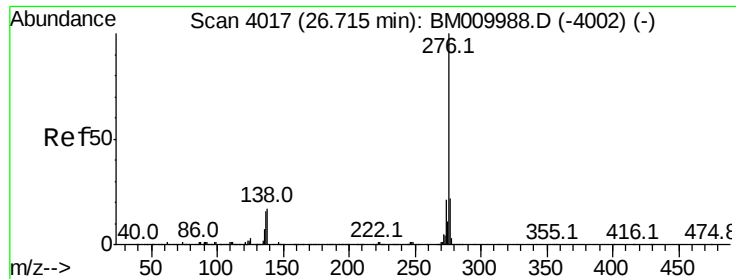
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 42.30 ng
RT: 25.98 min Scan# 3892
Delta R.T. -0.08 min
Lab File: BM010059.D
Acq: 16 May 2017 18:39

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	11.0	13.4	20.0#
279	21.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.29 ng m
 RT: 26.69 min Scan# 4013
 Delta R.T. -0.09 min
 Lab File: BM010059.D
 Acq: 16 May 2017 18:39

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.5	27.7
138	16.8	19.0	28.6

Manual Integrations
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