

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
 Data File : BM010233.D
 Acq On : 26 May 2017 00:46
 Operator : SJ/MA
 Sample : PB99276BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99276BS

Manual Integrations
 APPROVED

mohammad
 5/26/2017 10:32:00 AM

Quant Time: May 26 07:46:32 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	118024	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	400561	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	256525	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	576720	20.00	ng	-0.03
75) Chrysene-d12	21.49	240	903537	20.00	ng	-0.02
86) Perylene-d12	23.84	264	1065962	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	901862	137.99	ng	-0.03
7) Phenol-d6	7.13	99	1086513	129.20	ng	-0.04
23) Nitrobenzene-d5	9.13	82	767051	103.31	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	532730	136.73	ng	-0.03
44) 2-Fluorobiphenyl	13.20	172	1964825	98.47	ng	-0.04
78) Terphenyl-d14	19.92	244	3060991	77.03	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	108628	36.17	ng	# 100
3) Pyridine	3.85	79	273594	34.03	ng	89
4) n-Nitrosodimethylamine	3.76	42	160381	55.16	ng	# 72
6) Aniline	7.32	93	97804	9.39	ng	96
8) 2-Chlorophenol	7.52	128	284425	40.00	ng	95
9) Benzaldehyde	7.10	77	70088	13.39	ng	87
10) Phenol	7.16	94	358985	40.51	ng	97
11) bis(2-Chloroethyl)ether	7.38	93	259569	39.29	ng	99
12) 1,3-Dichlorobenzene	7.83	146	347016	38.40	ng	# 91
13) 1,4-Dichlorobenzene	7.98	146	352352	37.96	ng	95
14) 1,2-Dichlorobenzene	8.30	146	339932	38.15	ng	97
15) Benzyl Alcohol	8.20	79	153042	24.05	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.47	45	207867	32.00	ng	69
17) 2-Methylphenol	8.40	107	237393	37.64	ng	# 83
18) Hexachloroethane	9.02	117	126309	41.98	ng	# 75
19) n-Nitroso-di-n-propylamine	8.75	70	238704	40.21	ng	93
20) 3+4-Methylphenols	8.73	107	313662	36.83	ng	86
22) Acetophenone	8.78	105	432845	42.16	ng	# 96
24) Nitrobenzene	9.17	77	366631	47.93	ng	92
25) Isophorone	9.67	82	574188	44.76	ng	# 93
26) 2-Nitrophenol	9.87	139	143538	44.52	ng	# 58
27) 2,4-Dimethylphenol	9.93	122	242038	41.58	ng	# 78
28) bis(2-Chloroethoxy)methane	10.16	93	320740	39.39	ng	99
29) 2,4-Dichlorophenol	10.40	162	303051	45.22	ng	96
30) 1,2,4-Trichlorobenzene	10.60	180	383738	44.25	ng	96
31) Naphthalene	10.80	128	818946	38.22	ng	98
32) Benzoic acid	10.06	122	132906	33.50	ng	# 79
33) 4-Chloroaniline	11.08	127	312760m	37.89	ng	
34) Hexachlorobutadiene	11.05	225	266536	46.08	ng	98
35) Caprolactam	11.76	113	65774m	34.20	ng	
36) 4-Chloro-3-methylphenol	12.05	107	280117	38.59	ng	85
37) 2-Methylnaphthalene	12.40	142	649427	42.09	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.75	216	437019	44.30	ng	# 100
40) Hexachlorocyclopentadiene	12.72	237	651516	114.39	ng	98

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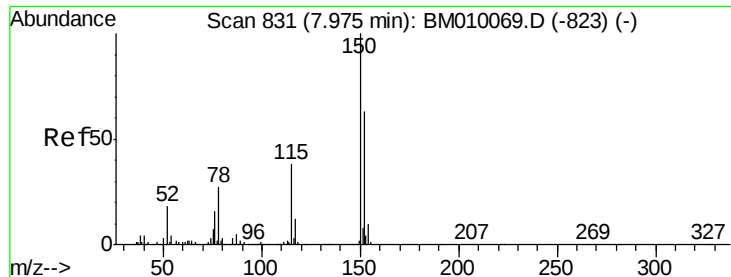
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	273798	47.12	ng	99
43) 2,4,5-Trichlorophenol	13.09	196	283207	44.11	ng #	93
45) 1,1'-Biphenyl	13.41	154	884798	41.94	ng	99
46) 2-Chloronaphthalene	13.46	162	697183	40.82	ng	96
47) 2-Nitroaniline	13.70	65	189048	43.04	ng #	81
48) Acenaphthylene	14.30	152	1052347	41.67	ng	99
49) Dimethylphthalate	14.04	163	867986	37.93	ng #	99
50) 2,6-Dinitrotoluene	14.17	165	184667	42.50	ng #	80
51) Acenaphthene	14.64	154	639849	40.75	ng	99
52) 3-Nitroaniline	14.54	138	140583	34.81	ng #	59
53) 2,4-Dinitrophenol	14.71	184	241821	83.47	ng	89
54) Dibenzofuran	14.97	168	1102900	44.67	ng	96
55) 4-Nitrophenol	14.83	139	239480	73.69	ng #	31
56) 2,4-Dinitrotoluene	14.96	165	254737	41.44	ng	88
57) Fluorene	15.62	166	897688	41.81	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.20	232	264512m	48.37	ng	
59) Diethylphthalate	15.39	149	819360	37.87	ng	97
60) 4-Chlorophenyl-phenylether	15.62	204	502075	41.65	ng	97
61) 4-Nitroaniline	15.69	138	142677	34.80	ng #	11
62) Azobenzene	15.90	77	838491	52.71	ng	88
64) 4,6-Dinitro-2-methylphenol	15.70	198	162739	46.19	ng	83
65) n-Nitrosodiphenylamine	15.84	169	756265	43.75	ng	99
66) 4-Bromophenyl-phenylether	16.51	248	330661	44.79	ng	94
67) Hexachlorobenzene	16.60	284	367892	41.01	ng	95
68) Atrazine	16.80	200	272508	41.58	ng	97
69) Pentachlorophenol	16.96	266	432604	87.81	ng	99
70) Phenanthrene	17.37	178	1378859	42.73	ng	99
71) Anthracene	17.46	178	1407497	43.95	ng	99
72) Carbazole	17.74	167	1222101	43.10	ng	98
73) Di-n-butylphthalate	18.26	149	1276499	37.97	ng #	97
74) Fluoranthene	19.37	202	1741185	41.56	ng	97
76) Benzidine	19.60	184	517159	31.03	ng	99
77) Pyrene	19.73	202	1774812	36.64	ng	99
79) Butylbenzylphthalate	20.60	149	610178	34.03	ng #	79
80) Benzo(a)anthracene	21.47	228	2136196	42.90	ng	99
81) 3,3'-Dichlorobenzidine	21.41	252	782818	39.08	ng #	98
82) Chrysene	21.52	228	1944991	41.18	ng	100
83) Bis(2-ethylhexyl)phthalate	21.35	149	933569	34.81	ng #	97
84) Di-n-octyl phthalate	22.26	149	1826300	38.04	ng #	98
85) Indeno(1,2,3-cd)pyrene	26.26	276	3563732	51.46	ng #	100
87) Benzo(b)fluoranthene	23.12	252	2716209	43.54	ng #	92
88) Benzo(k)fluoranthene	23.17	252	2573260	42.10	ng #	95
89) Benzo(a)pyrene	23.74	252	2660234	44.75	ng #	96
90) Dibenzo(a,h)anthracene	26.26	278	2905929	43.71	ng #	92
91) Benzo(g,h,i)perylene	27.01	276	2909233	44.66	ng #	87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.04 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Instrument :

BNA_M

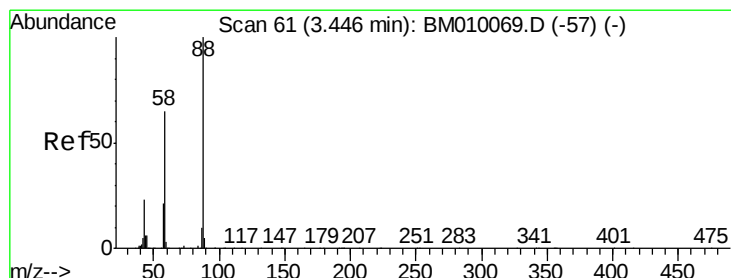
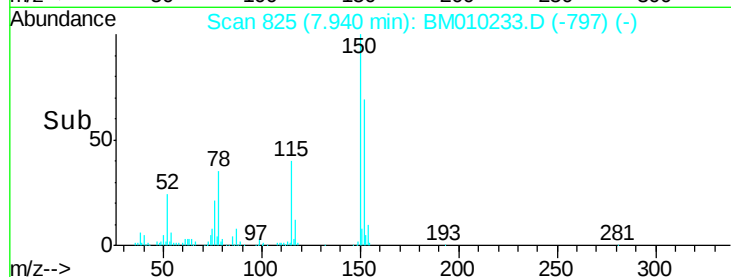
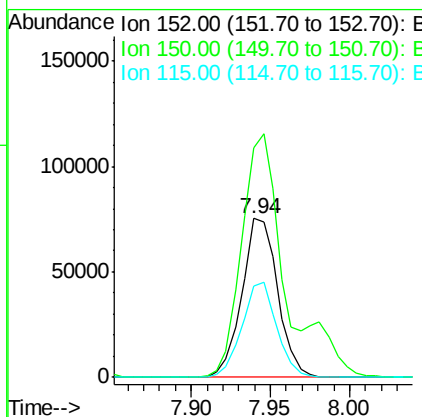
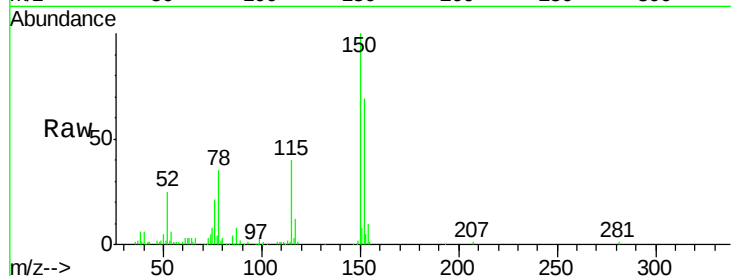
ClientSampleId :

PB99276BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.5	119.5	179.3
115	57.8	43.0	64.4

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#2

1,4-Dioxane

Concen: 36.17 ng

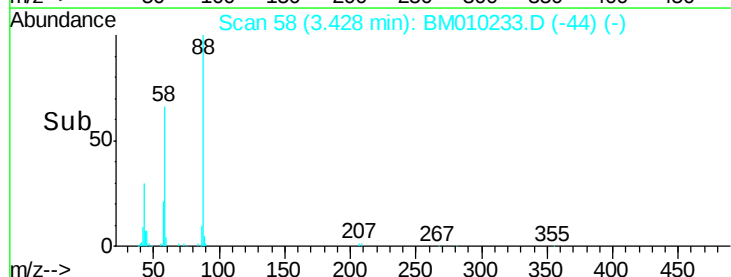
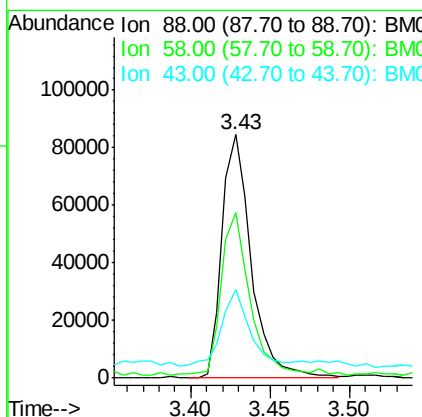
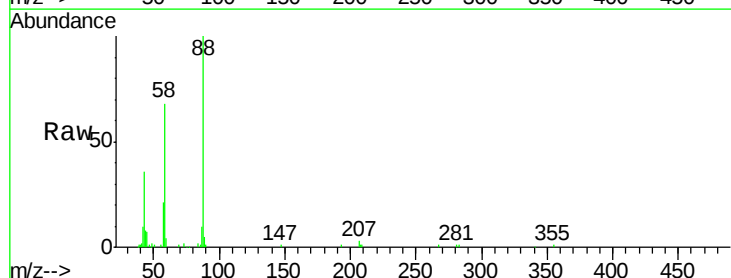
RT: 3.43 min Scan# 58

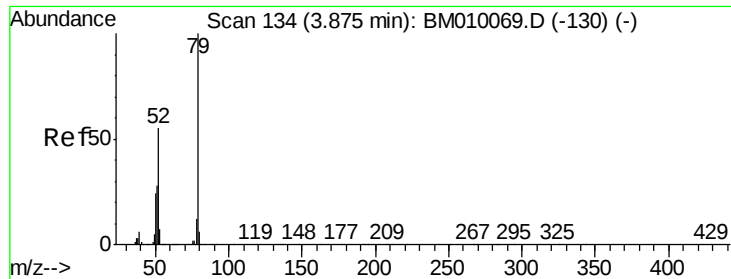
Delta R.T. -0.02 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.3	0.0	0.0#
43	30.2	0.0	0.0#





#3

Pyridine

Concen: 34.03 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.02 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Instrument :

BNA_M

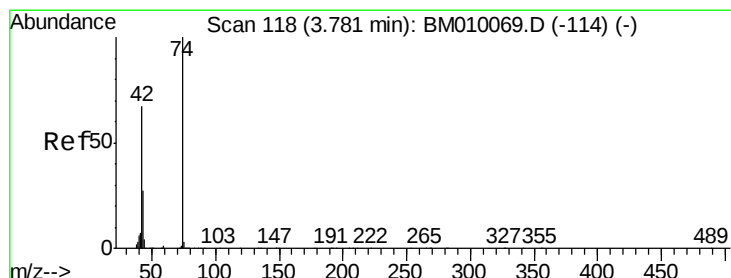
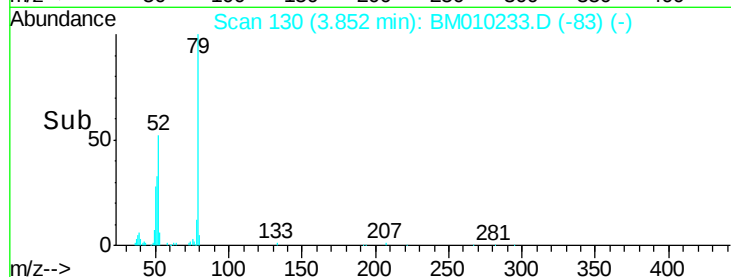
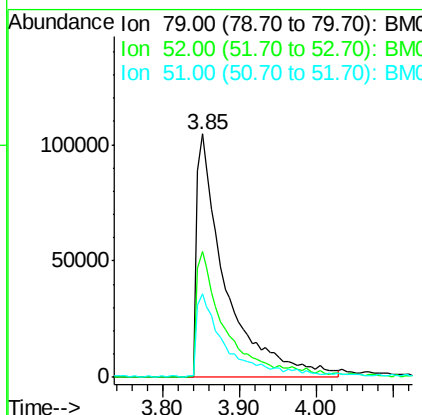
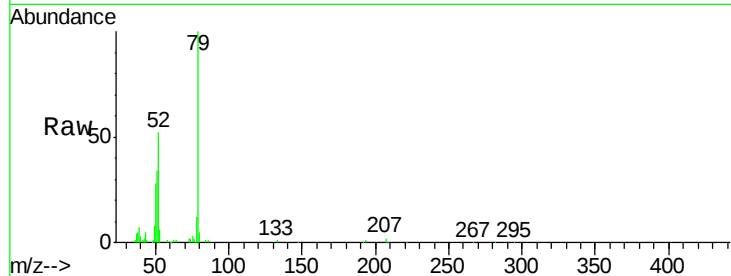
ClientSampleId :

PB99276BS

Tgt Ion:	79	Resp:	273594
Ion	Ratio	Lower	Upper
79	100		
52	51.6	51.1	76.7
51	34.1	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 55.16 ng

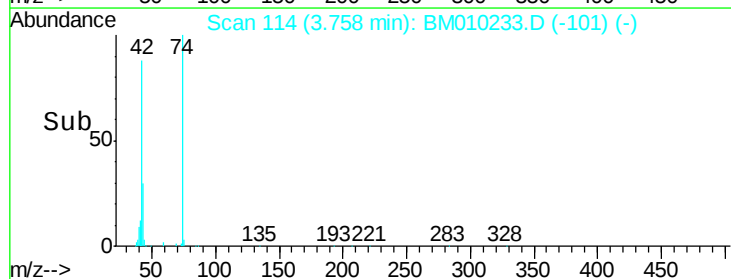
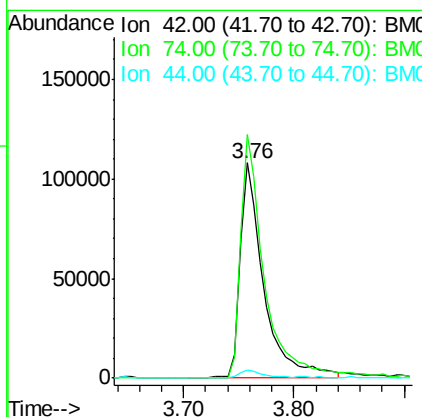
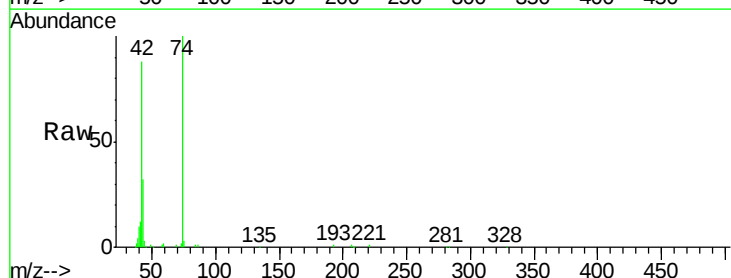
RT: 3.76 min Scan# 114

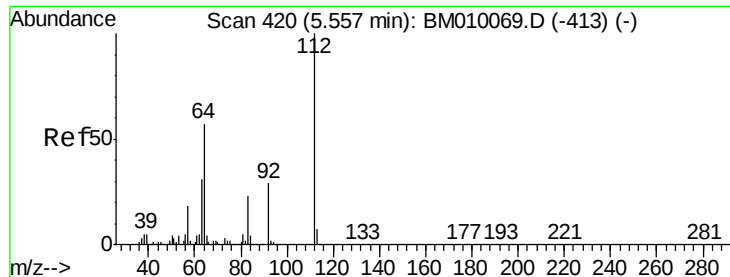
Delta R.T. -0.02 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Tgt Ion:	42	Resp:	160381
Ion	Ratio	Lower	Upper
42	100		
74	113.1	119.3	178.9#
44	3.9	5.4	8.2#





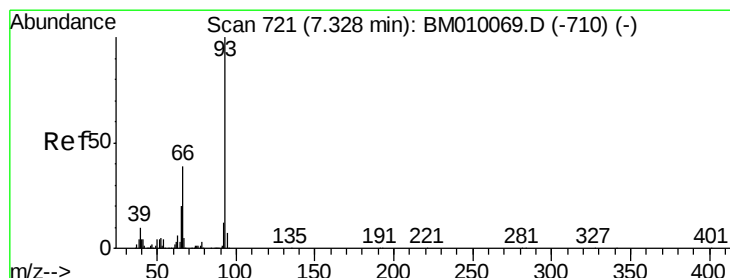
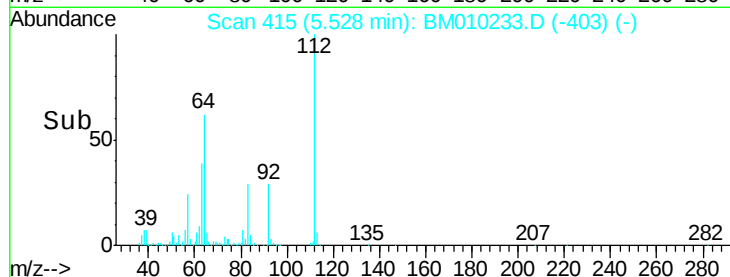
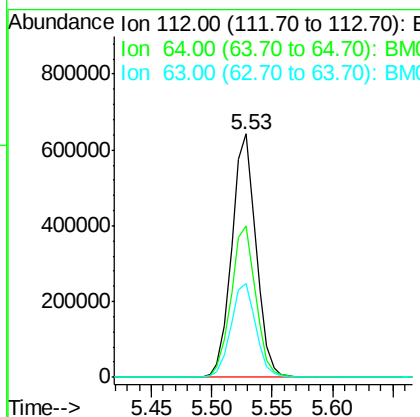
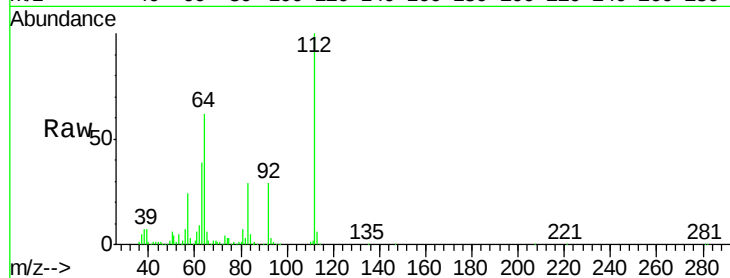
#5
 2-Fluorophenol
 Concen: 137.99 ng
 RT: 5.53 min Scan# 415
 Delta R.T. -0.03 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Instrument :
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 PB99276BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	62.4	38.6	57.8#
63	38.8	19.3	28.9#

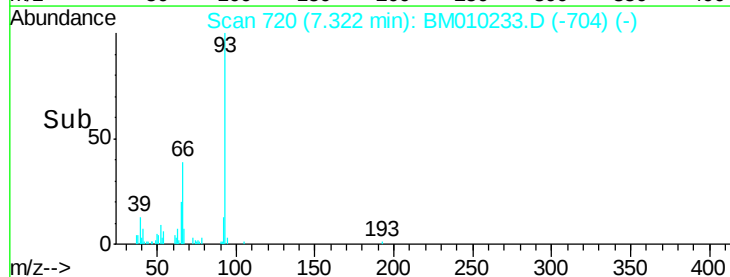
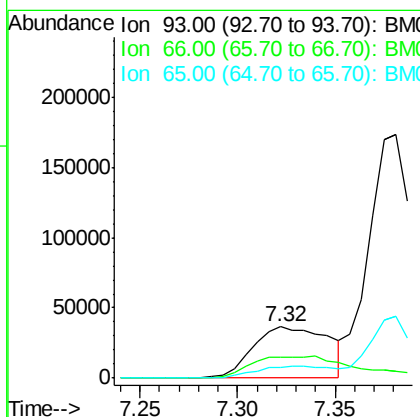
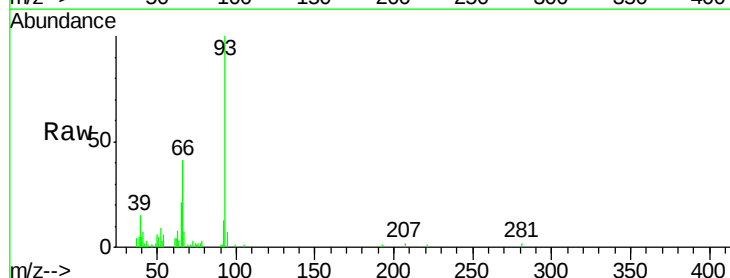
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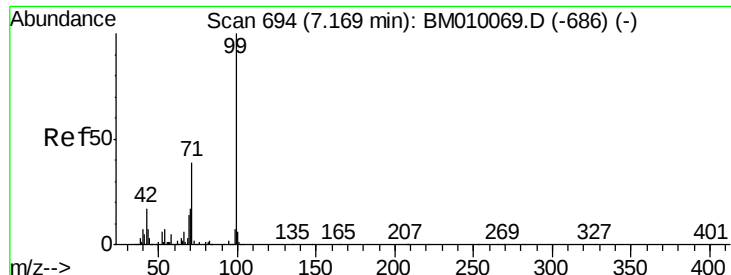
mohammad
 5/26/2017 10:32:00 AM



#6
 Aniline
 Concen: 9.39 ng
 RT: 7.32 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	41.1	30.8	46.2
65	21.3	16.0	24.0





#7

Phenol-d6

Concen: 129.20 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Instrument :

BNA_M

ClientSampleId :

PB99276BS

Tgt Ion: 99 Resp: 1086513

Ion Ratio Lower Upper

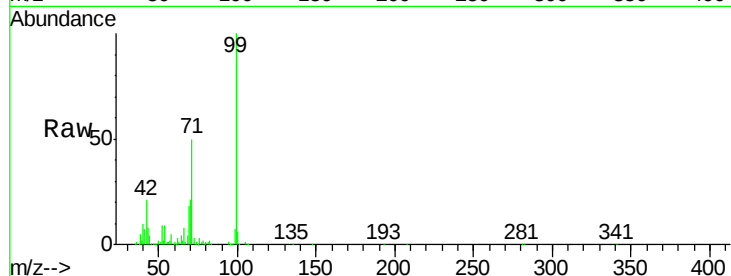
99 100

42 21.2 11.0 16.4#

71 49.9 23.4 35.2#

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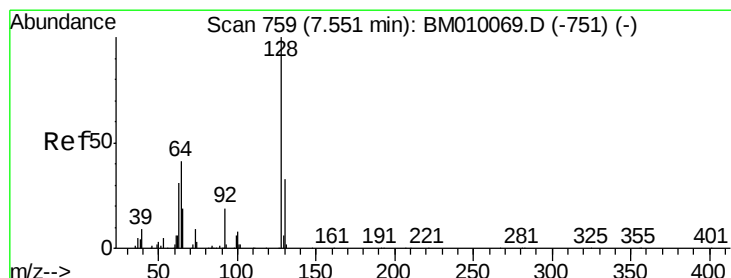
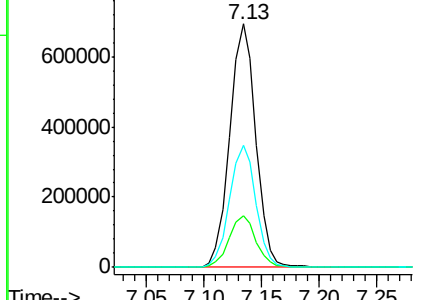
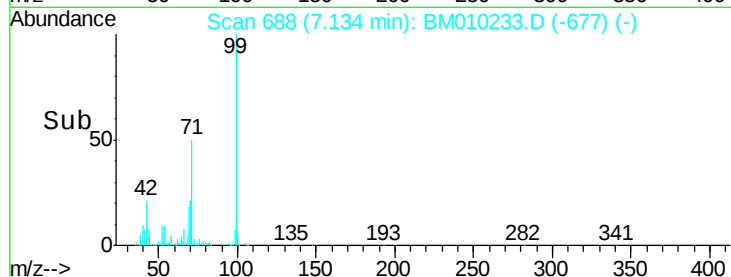


Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)

Time-->



#8

2-Chlorophenol

Concen: 40.00 ng

RT: 7.52 min Scan# 753

Delta R.T. -0.04 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

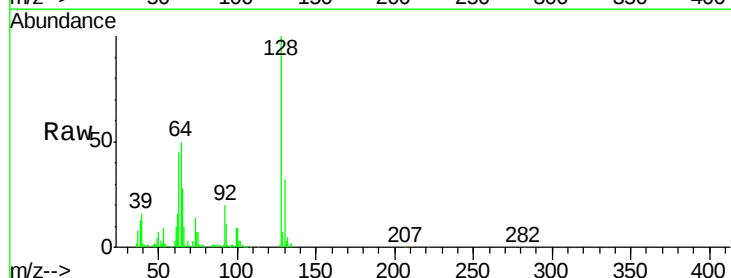
Tgt Ion: 128 Resp: 284425

Ion Ratio Lower Upper

128 100

130 32.4 12.0 52.0

64 50.2 24.9 64.9

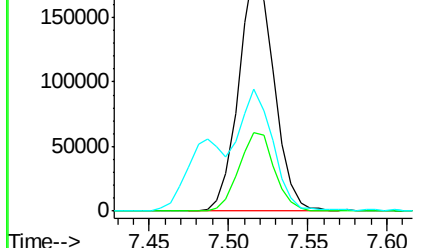
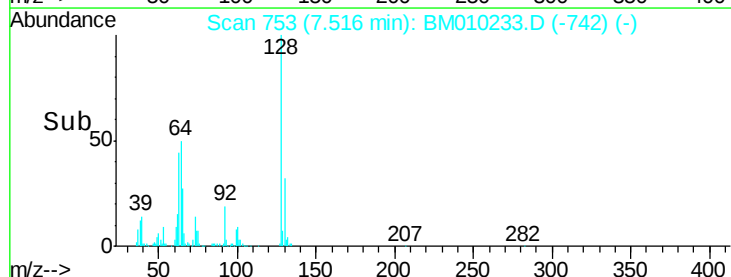


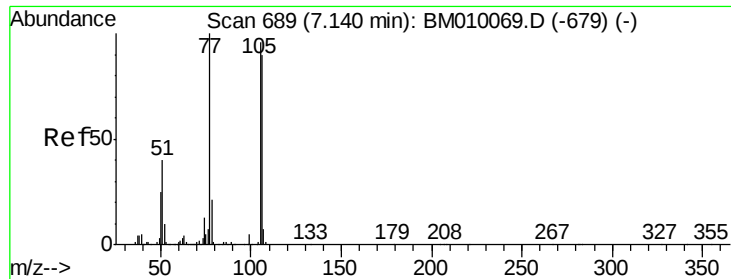
Abundance Ion 128.00 (127.70 to 128.70): BM010069.D (-751) (-)

Ion 130.00 (129.70 to 130.70): BM010069.D (-751) (-)

Ion 64.00 (63.70 to 64.70): BM010069.D (-751) (-)

Time-->





#9

Benzaldehyde

Concen: 13.39 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.04 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Instrument :

BNA_M

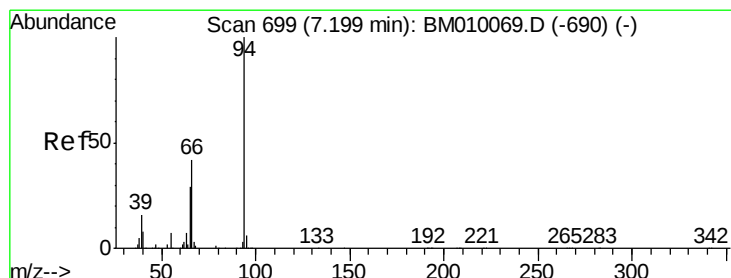
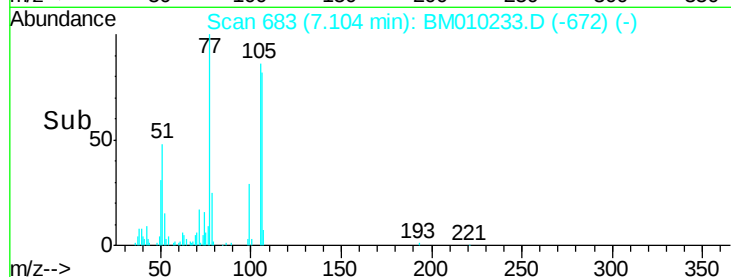
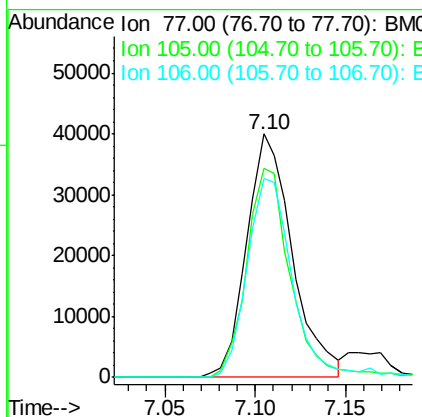
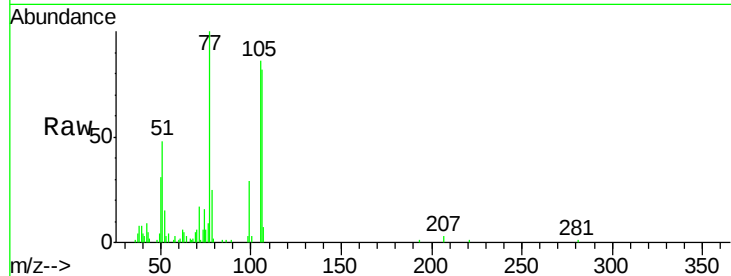
ClientSampleID :

PB99276BS

Tgt Ion:	77	Resp:	70088
Ion	Ratio	Lower	Upper
77	100		
105	85.9	78.8	118.8
106	81.8	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 40.51 ng

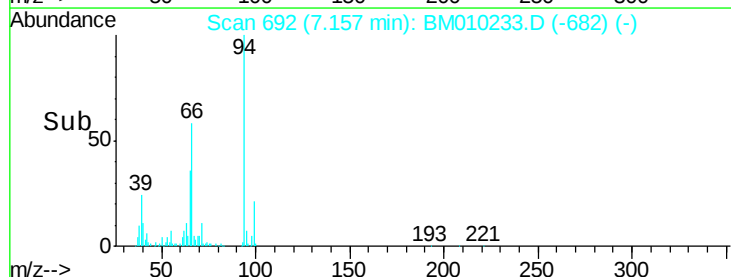
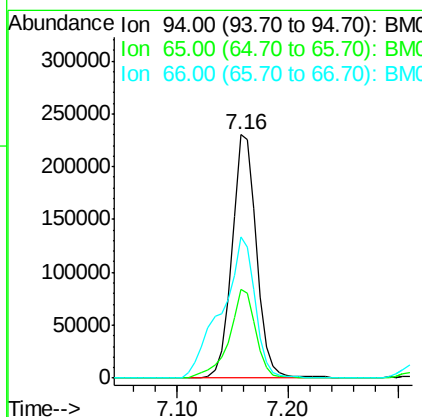
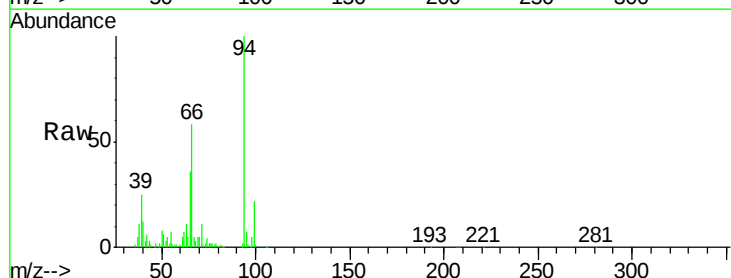
RT: 7.16 min Scan# 692

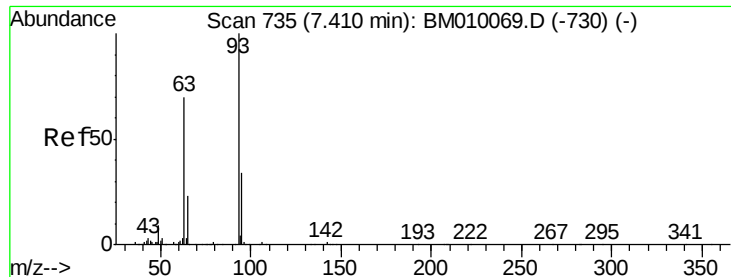
Delta R.T. -0.04 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Tgt Ion:	94	Resp:	358985
Ion	Ratio	Lower	Upper
94	100		
65	36.4	18.8	58.8
66	57.8	39.9	79.9





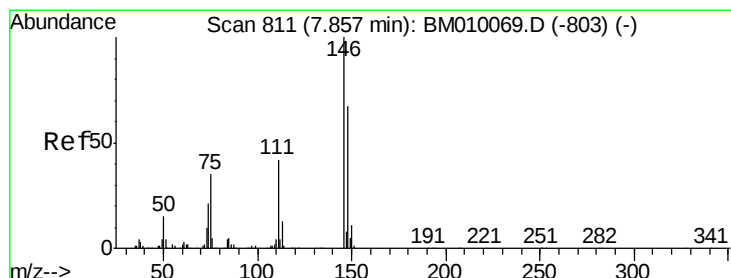
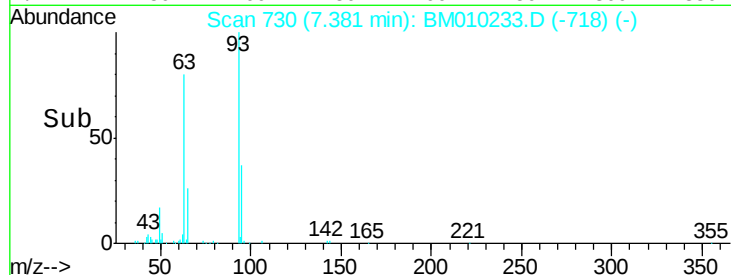
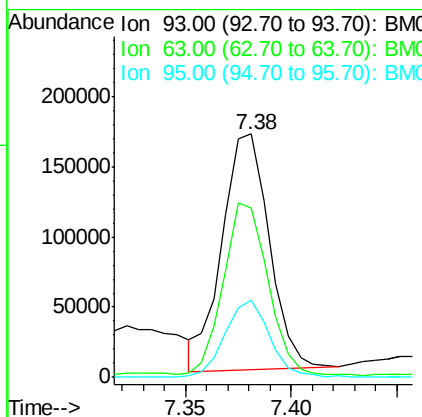
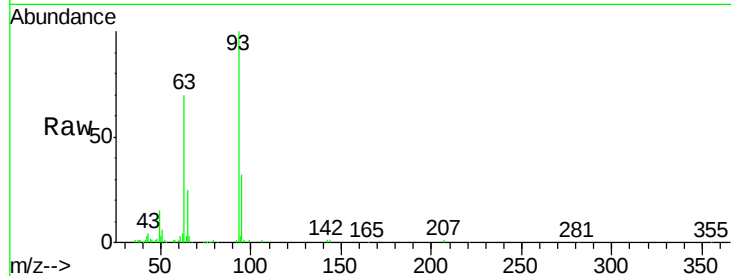
#11
bis(2-Chloroethyl)ether
Concen: 39.29 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.03 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	69.5	49.5	89.5
95	31.5	13.5	53.5

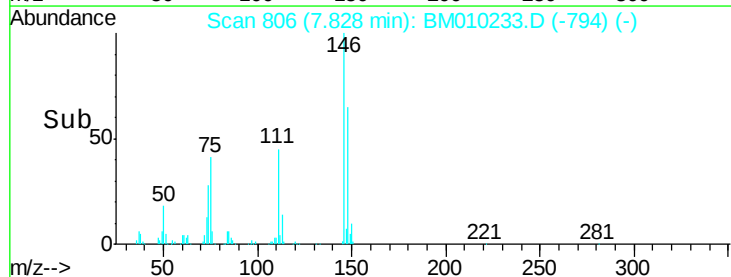
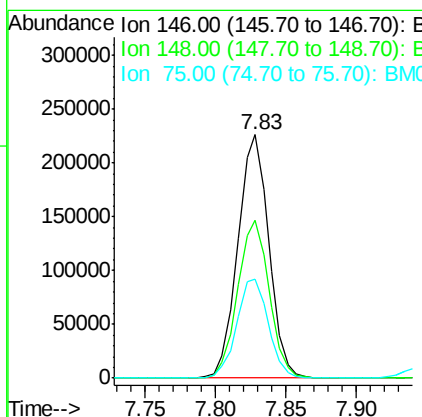
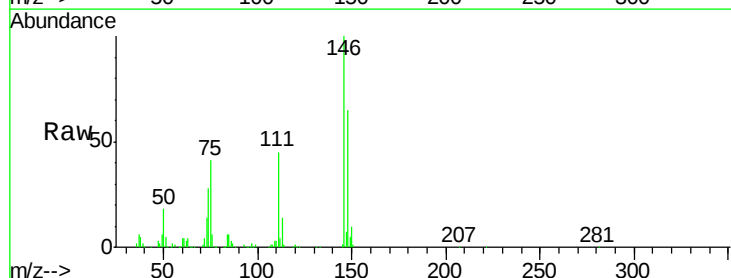
Manual Integrations
APPROVED

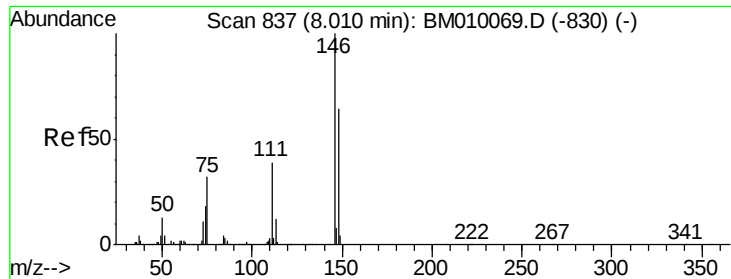
mohammad
5/26/2017 10:32:00 AM



#12
1,3-Dichlorobenzene
Concen: 38.40 ng
RT: 7.83 min Scan# 806
Delta R.T. -0.03 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.1	50.9	76.3
75	40.9	21.4	32.2





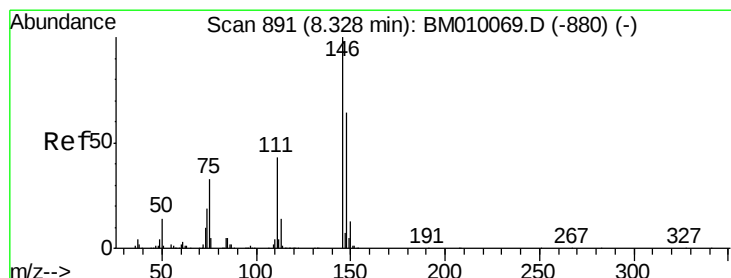
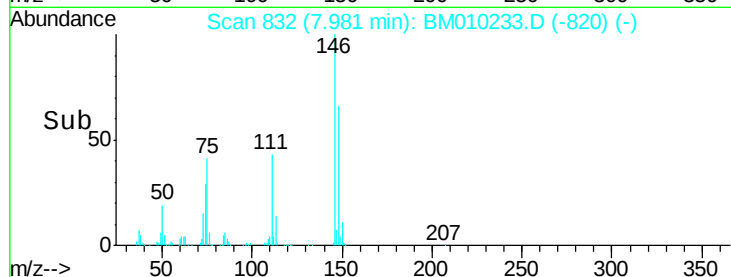
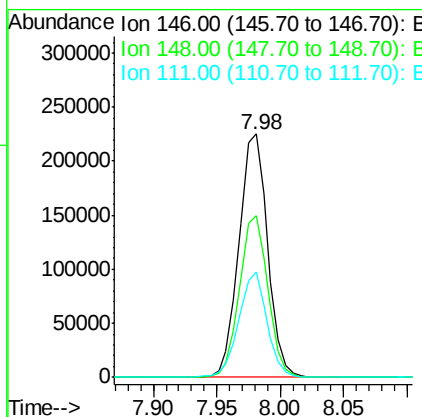
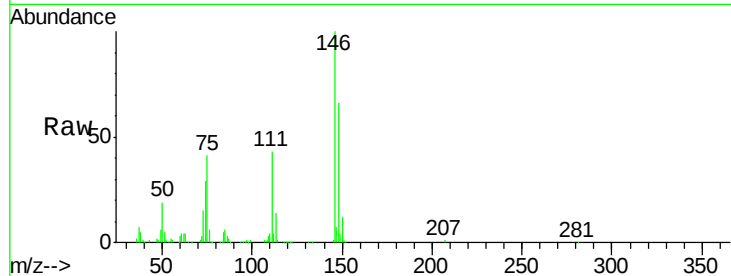
#13
1,4-Dichlorobenzene
Concen: 37.96 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.03 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.9	77.9
111	43.3	29.2	43.8

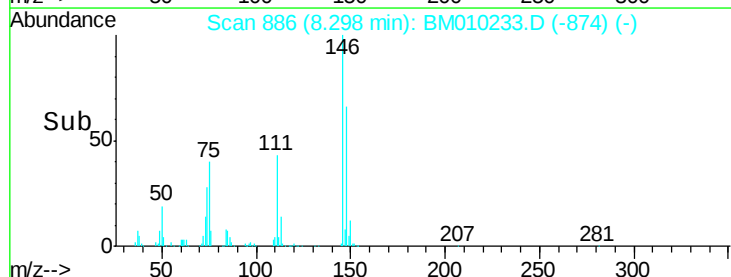
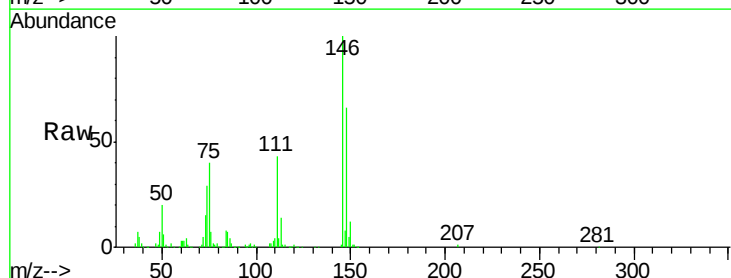
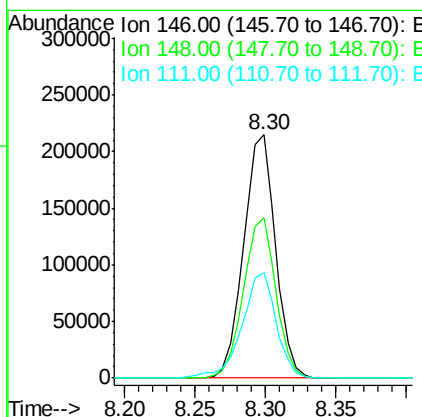
Manual Integrations
APPROVED

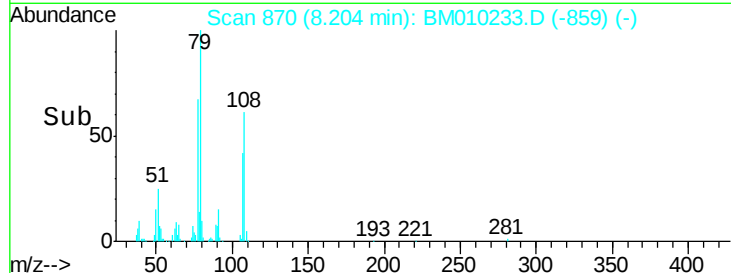
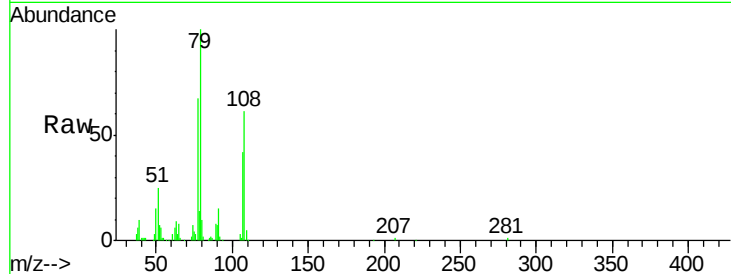
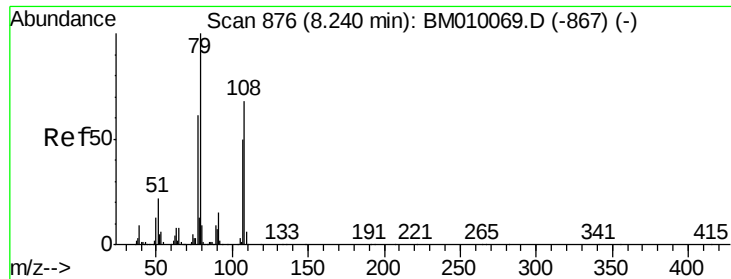
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#14
1,2-Dichlorobenzene
Concen: 38.15 ng
RT: 8.30 min Scan# 886
Delta R.T. -0.03 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.3	78.5
111	43.1	30.6	45.8





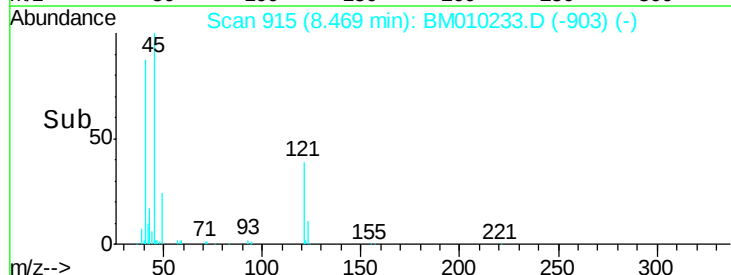
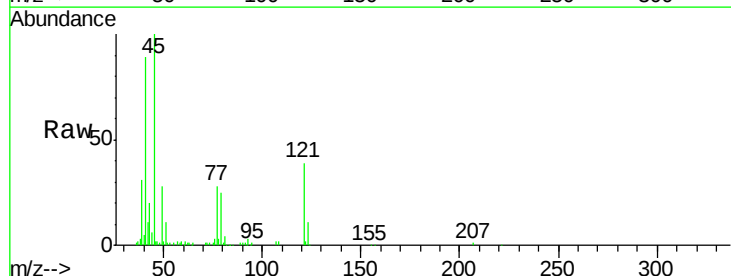
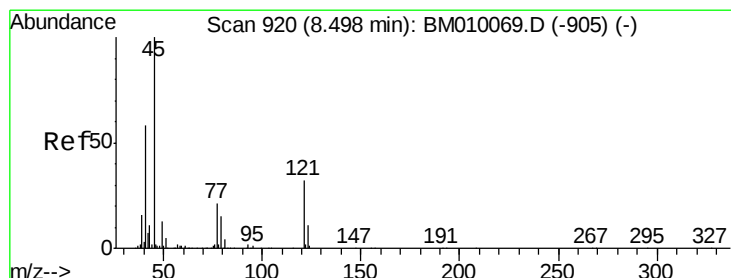
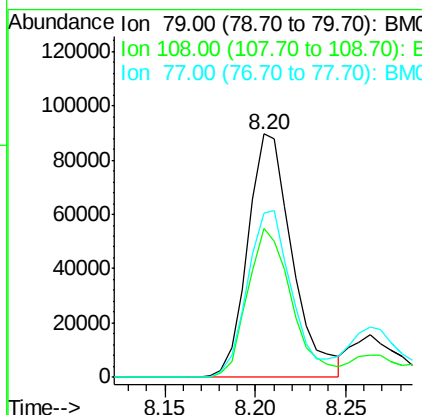
#15
Benzyl Alcohol
Concen: 24.05 ng
RT: 8.20 min Scan# 870
Delta R.T. -0.04 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Lower	Upper
79	100		
108	61.1	65.0	97.4#
77	67.3	53.0	79.6

Instrument :
BNA_M
ClientSampleId :
PB99276BS

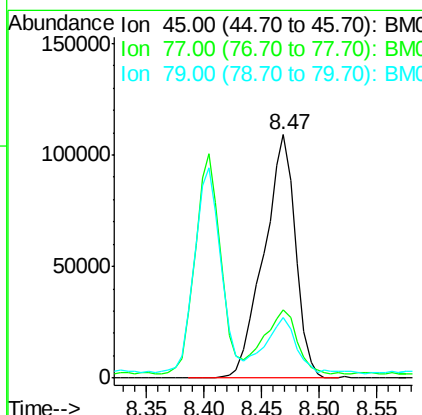
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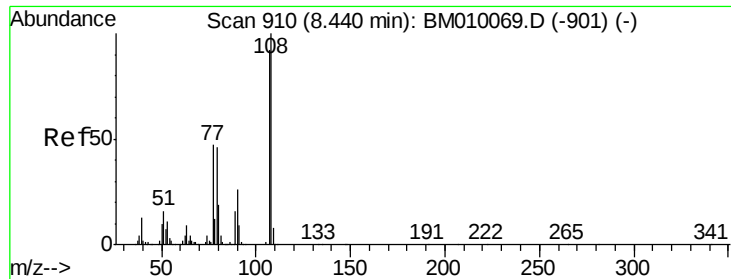
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.00 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.03 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.9	0.0	35.2
79	24.6	0.0	32.0





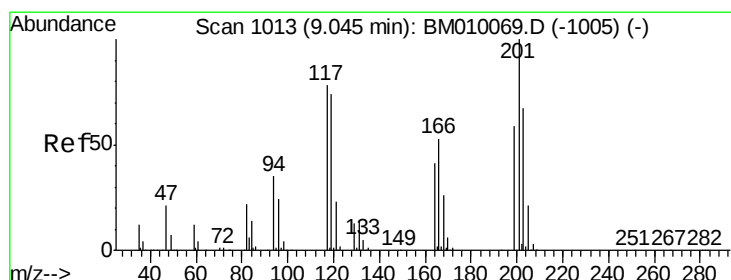
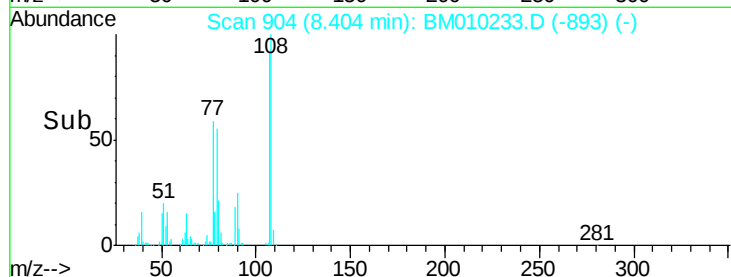
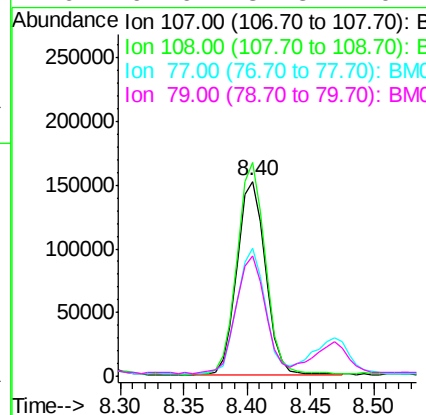
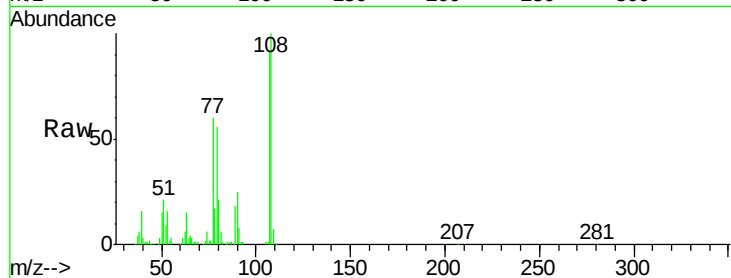
#17
2-Methylphenol
Concen: 37.64 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.04 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt	Ion	Resp	Lower	Upper
107	100			
108	109.4	89.8	134.8	
77	65.5	32.6	48.8#	
79	61.6	32.8	49.2#	

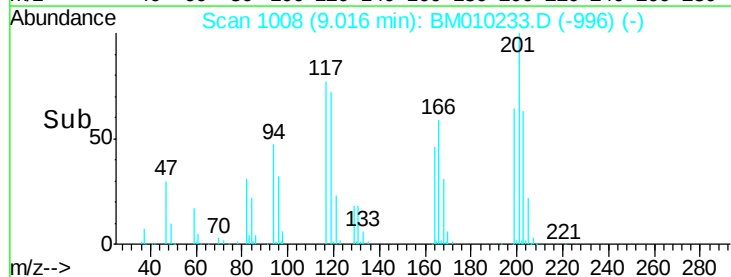
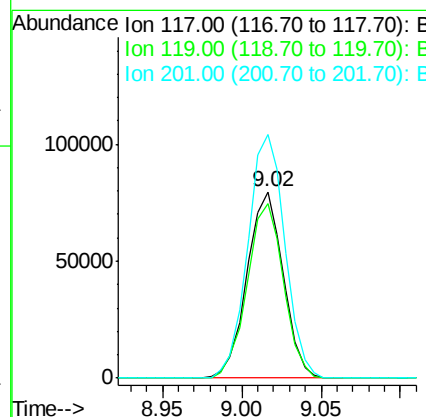
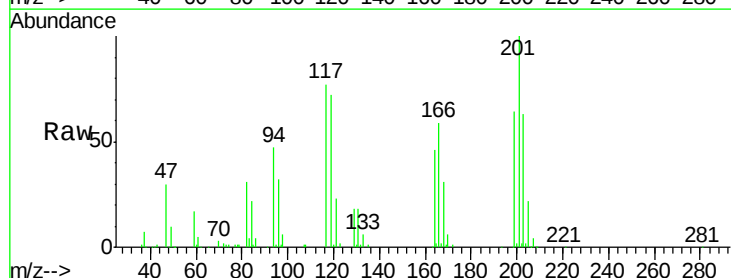
Manual Integrations
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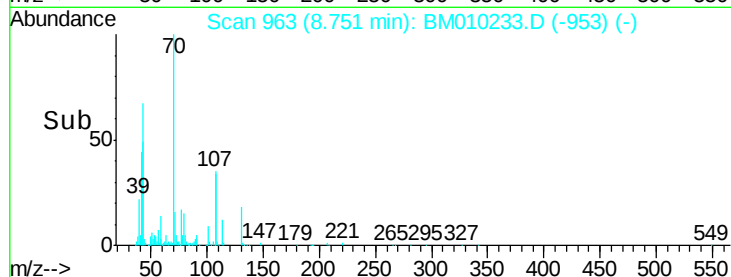
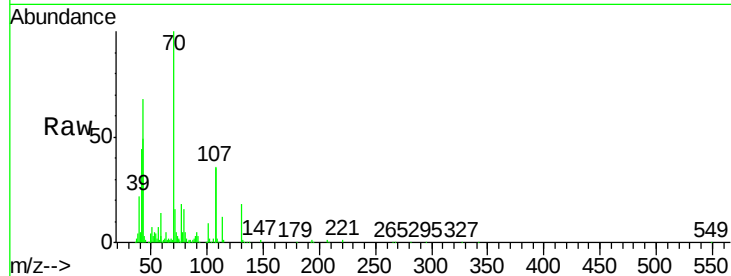
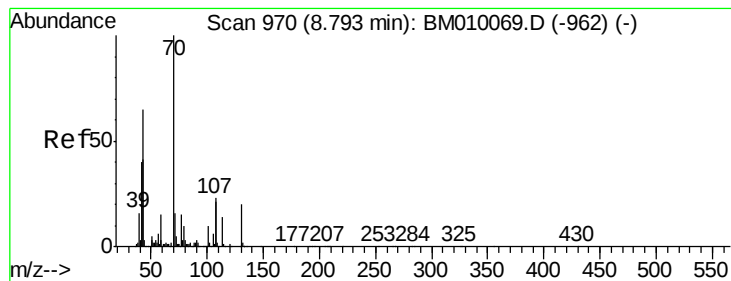
mohammad
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#18
Hexachloroethane
Concen: 41.98 ng
RT: 9.02 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt	Ion	Resp	Lower	Upper
117	100			
119	93.4	79.2	118.8	
201	130.5	69.8	104.6#	





#19

n-Nitroso-di-n-propylamine

Concen: 40.21 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.04 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.7	44.5	66.7	
101	9.1	7.4	11.2	
130	18.2	15.3	22.9	

Instrument :

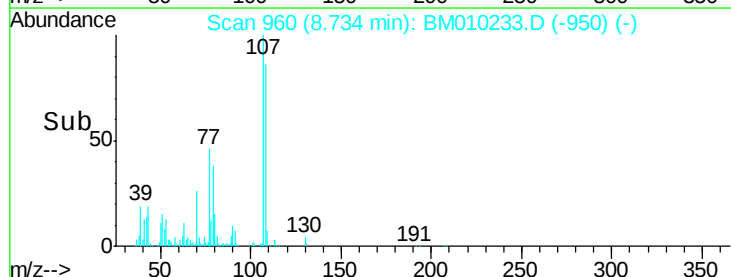
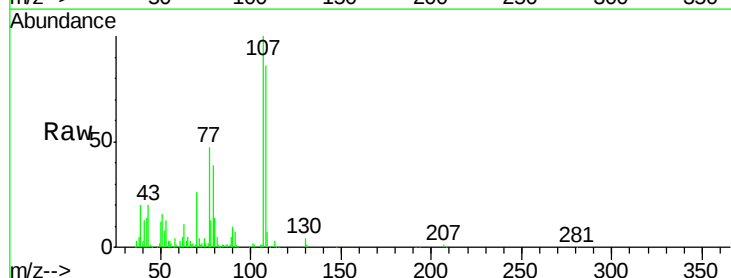
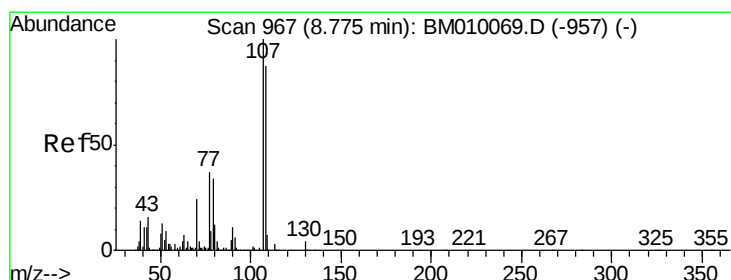
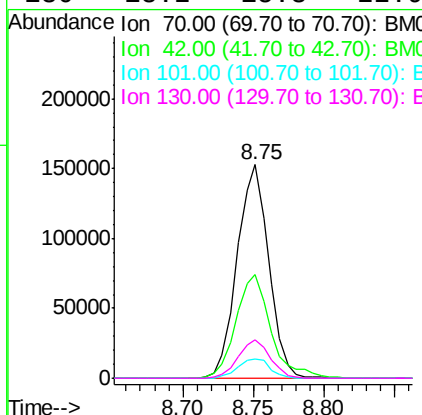
BNA_M

ClientSampleId :

PB99276BS

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#20

3+4-Methylphenols

Concen: 36.83 ng

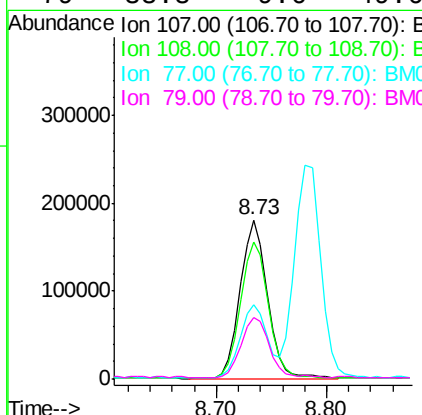
RT: 8.73 min Scan# 960

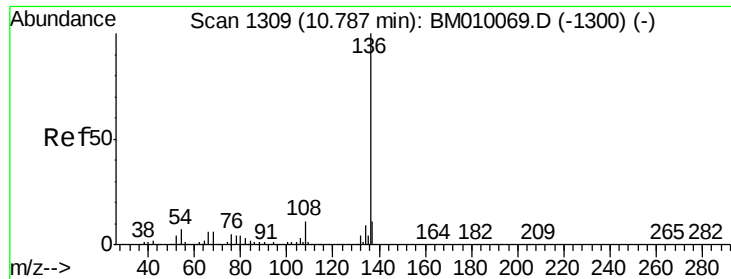
Delta R.T. -0.04 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.2	73.2	113.2	
77	46.8	10.7	50.7	
79	38.8	9.6	49.6	





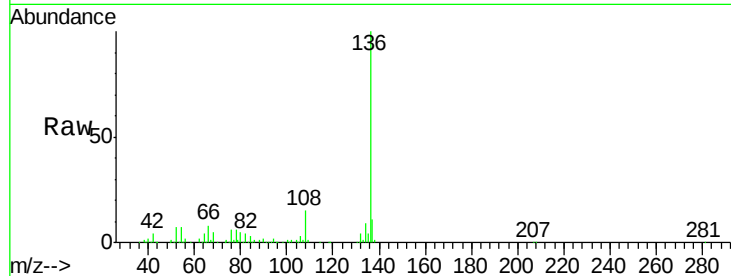
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.04 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

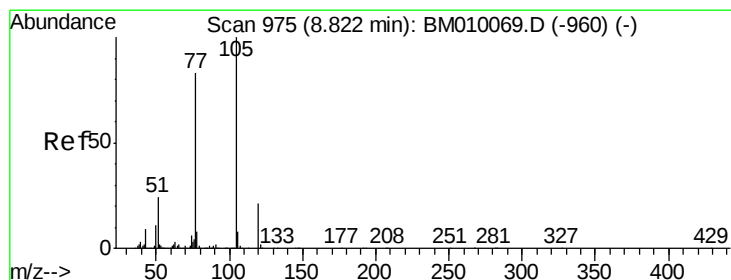
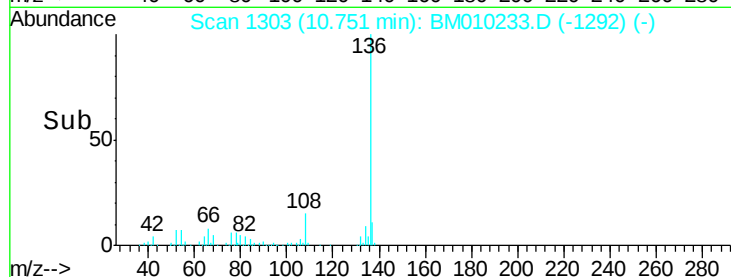
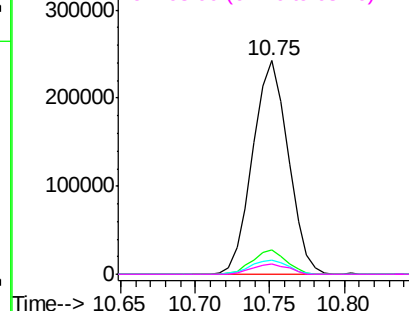
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	400561		
137	11.4	8.7	13.1	
54	6.6	4.6	6.8	
68	4.6	3.7	5.5	

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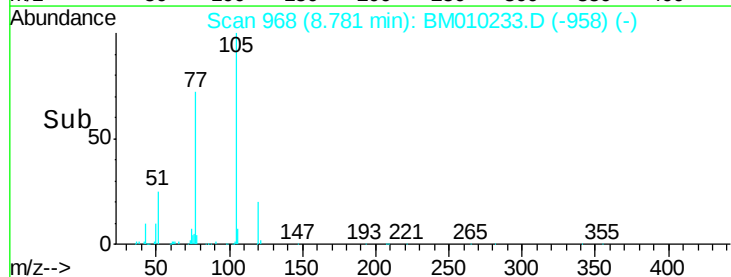
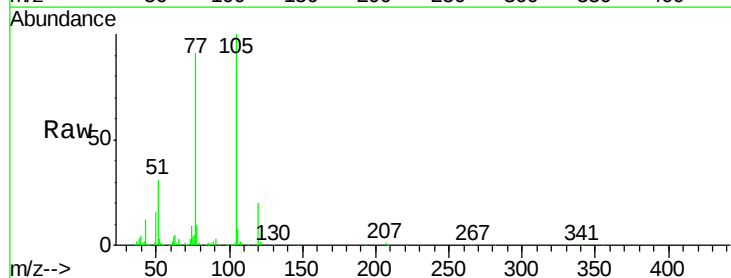
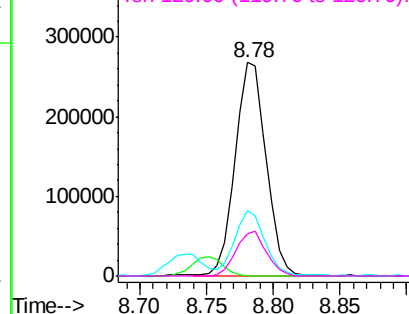
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

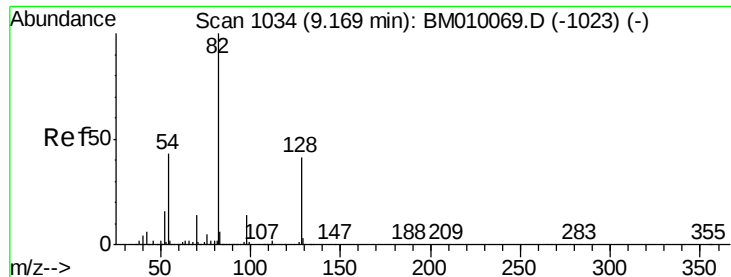


#22
Acetophenone
Concen: 42.16 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.04 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	432845		
71	0.3	0.6	1.0#	
51	30.8	21.6	32.4	
120	19.9	16.1	24.1	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





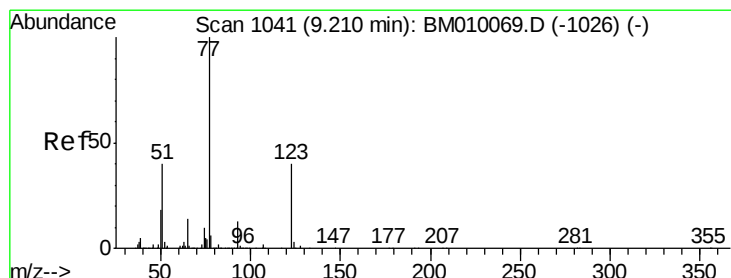
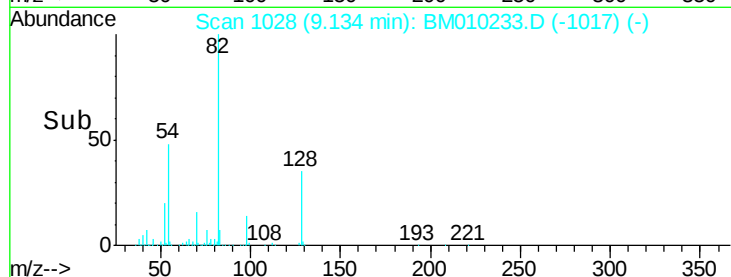
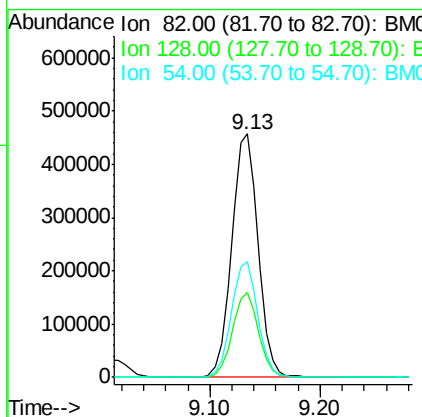
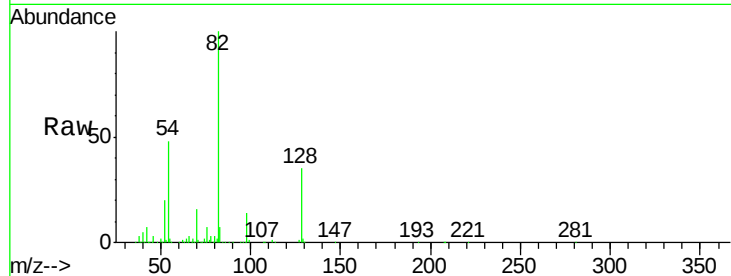
#23
 Nitrobenzene-d5
 Concen: 103.31 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Instrument :
 BNA_M
 ClientSampleId :
 PB99276BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	767051		
128	34.6		32.8	49.2
54	47.7		40.6	60.8

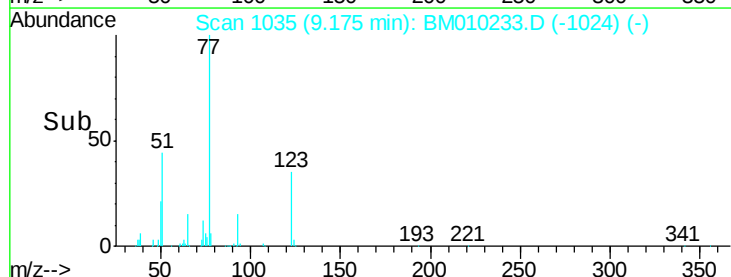
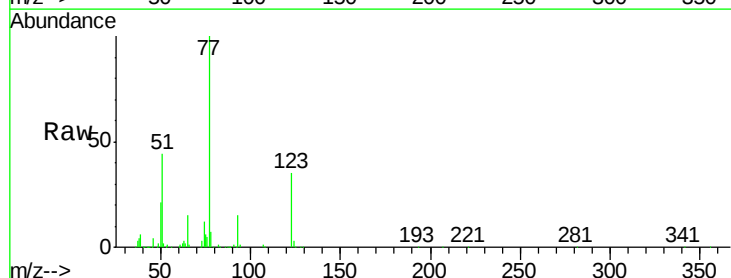
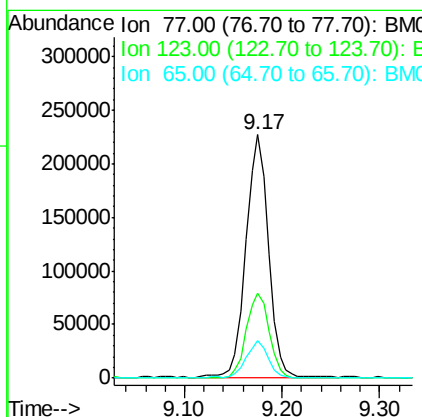
Manual Integrations
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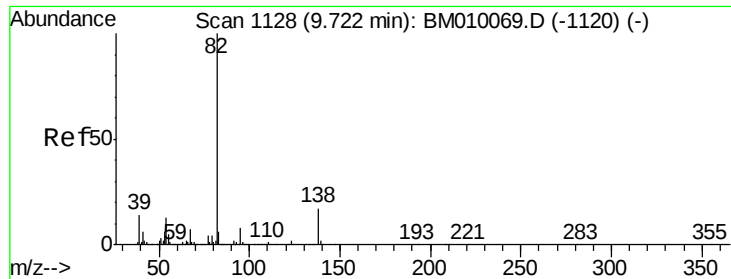
mohammad
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#24
 Nitrobenzene
 Concen: 47.93 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.04 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	366631		
123	34.7		32.6	49.0
65	15.2		10.9	16.3





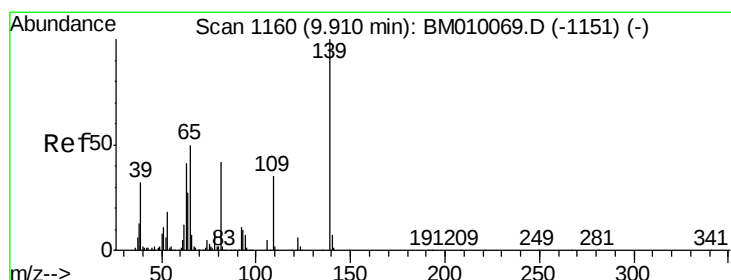
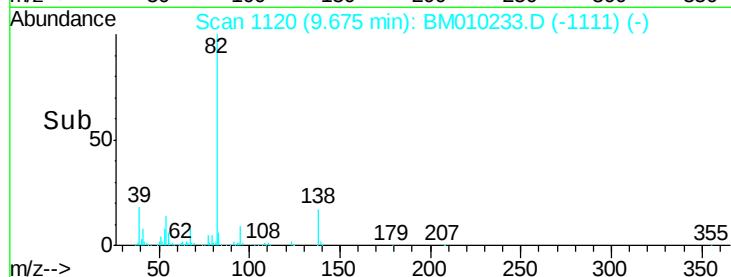
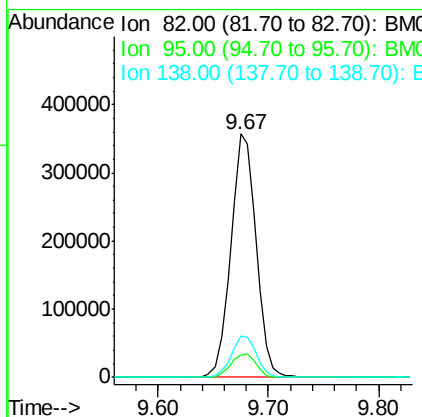
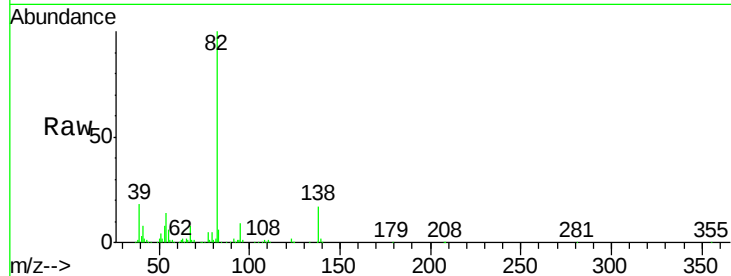
#25
Isophorone
Concen: 44.76 ng
RT: 9.67 min Scan# 1120
Delta R.T. -0.05 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	574188		
95	9.2	5.8	8.6#	
138	17.1	16.3	24.5	

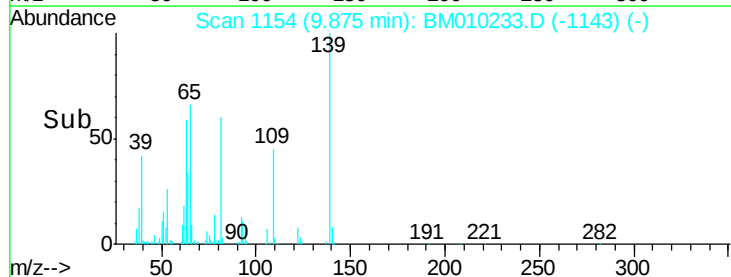
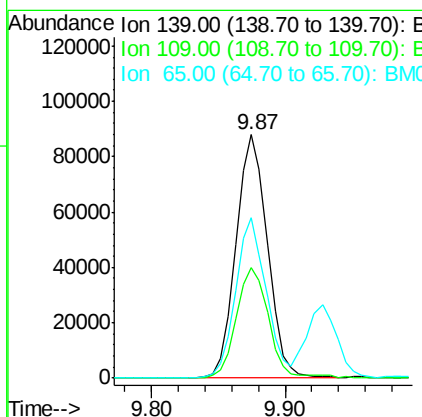
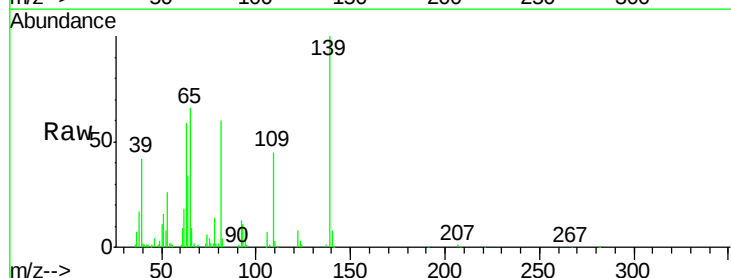
Manual Integrations
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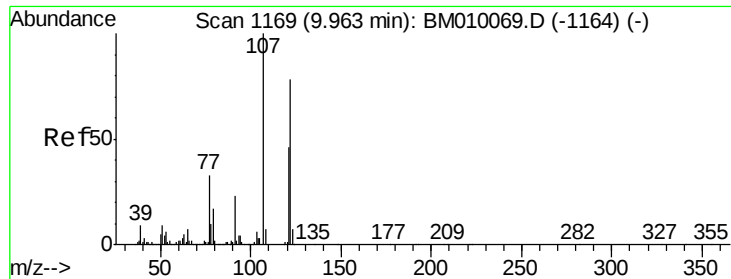
mohammad
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#26
2-Nitrophenol
Concen: 44.52 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.04 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	143538		
109	45.5	20.1	30.1#	
65	65.8	31.5	47.3#	





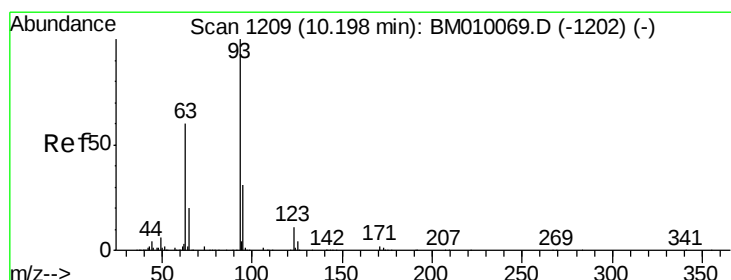
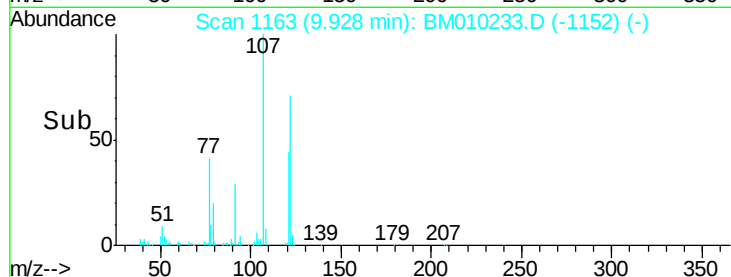
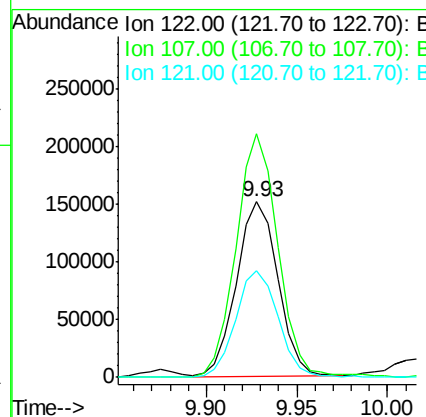
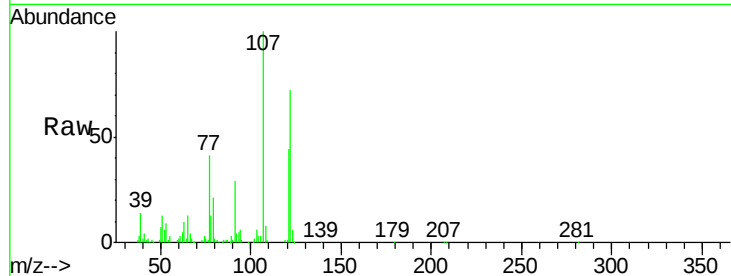
#27
 2,4-Dimethylphenol
 Concen: 41.58 ng
 RT: 9.93 min Scan# 1163
 Delta R.T. -0.04 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Instrument :
 BNA_M
 ClientSampleId :
 PB99276BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	242038		
107	138.6	84.7	127.1#	
121	61.0	46.6	69.8	

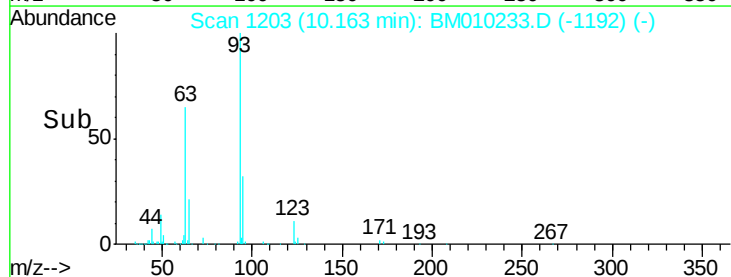
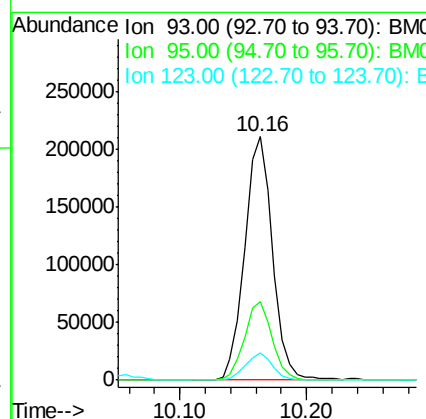
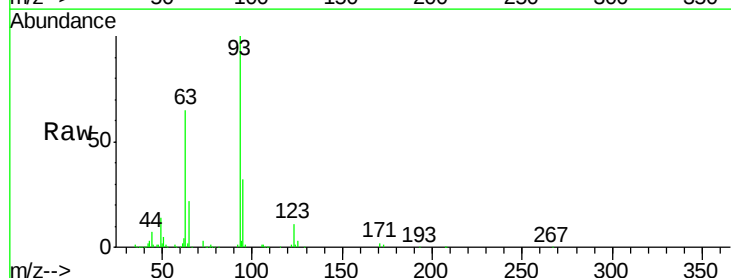
Manual Integrations
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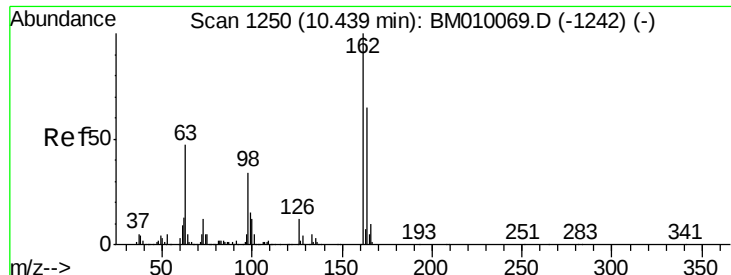
mohammad
 5/26/2017 10:32:00 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.39 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.04 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	320740		
95	32.4	25.5	38.3	
123	11.5	8.6	13.0	





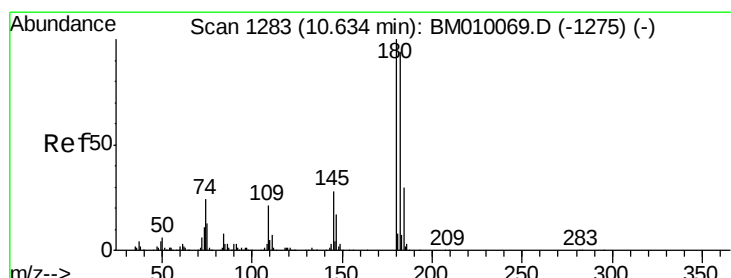
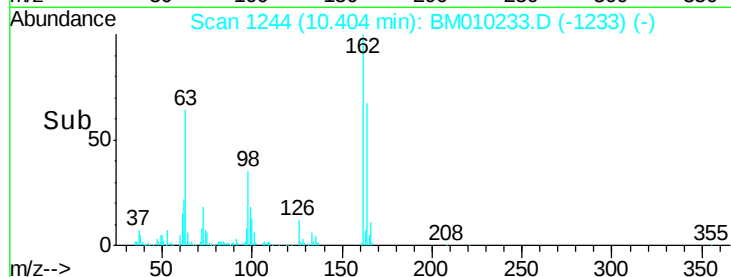
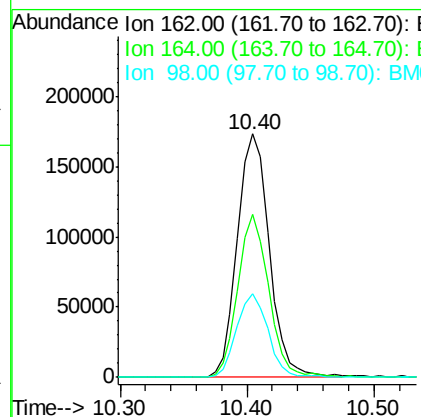
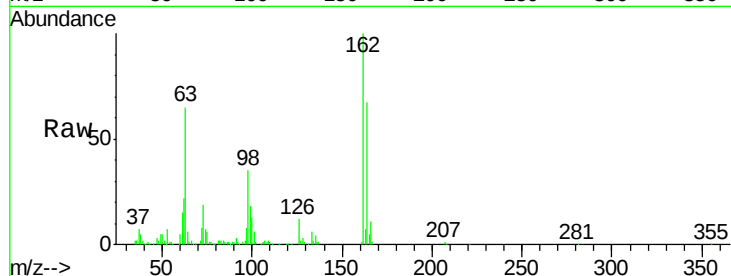
#29
2,4-Dichlorophenol
Concen: 45.22 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.04 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	303051		
164	67.2	42.8	82.8	
98	34.6	14.5	54.5	

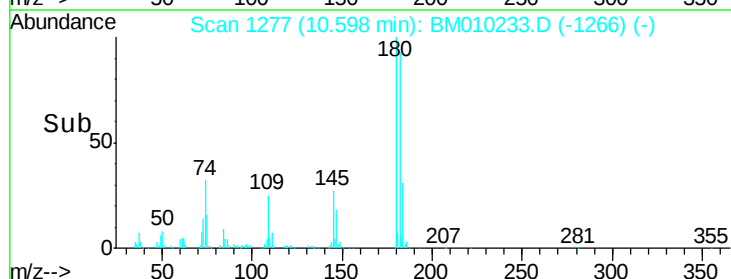
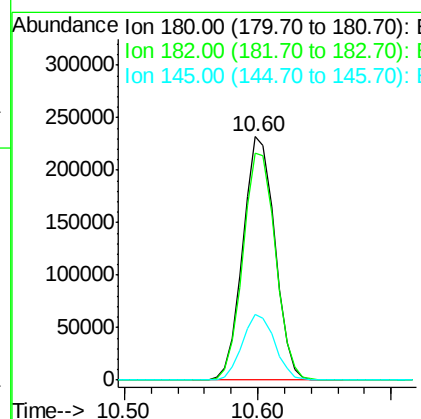
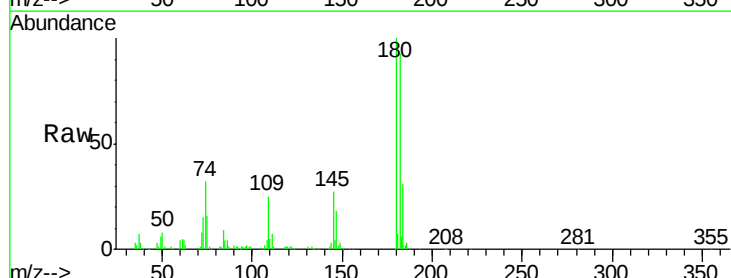
Manual Integrations
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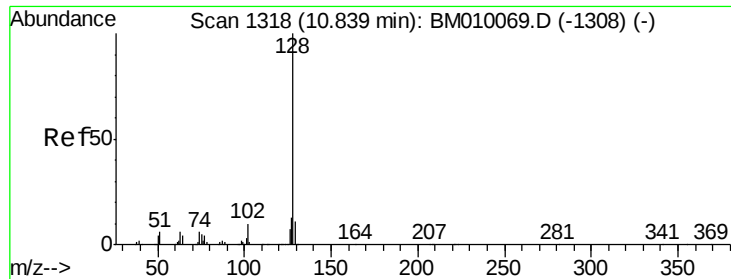
mohammad
5/26/2017 10:32:00 AM



#30
1,2,4-Trichlorobenzene
Concen: 44.25 ng
RT: 10.60 min Scan# 1277
Delta R.T. -0.04 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	383738		
182	93.0	77.6	116.4	
145	26.8	23.4	35.2	





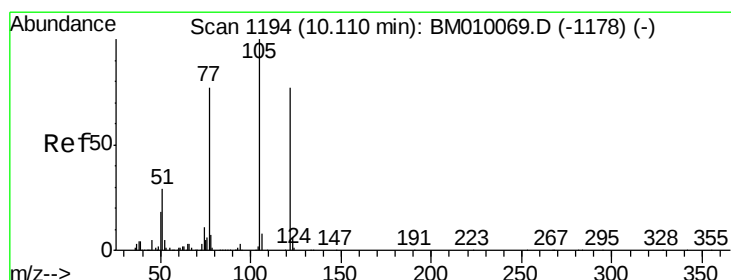
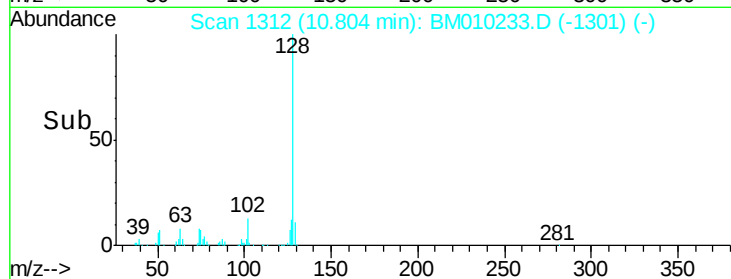
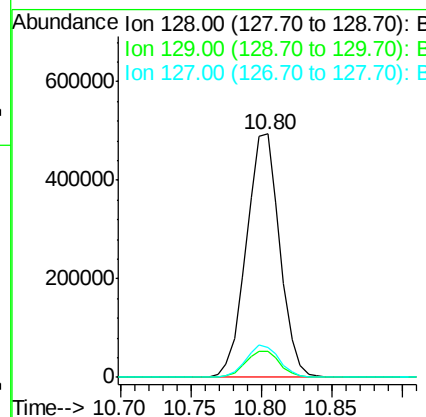
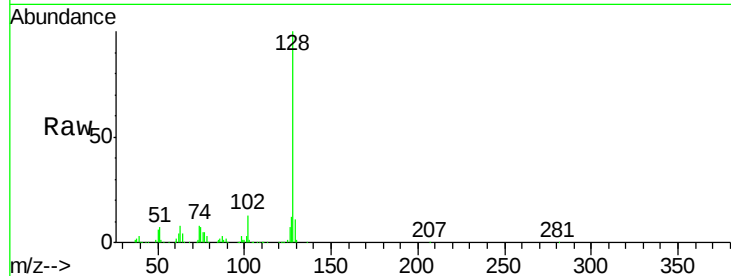
#31
Naphthalene
Concen: 38.22 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	818946		
129	10.5	8.9	13.3	
127	12.4	10.4	15.6	

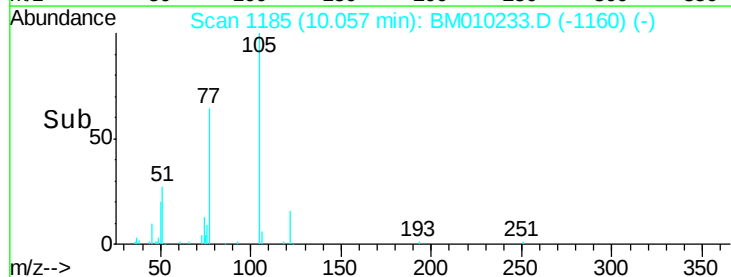
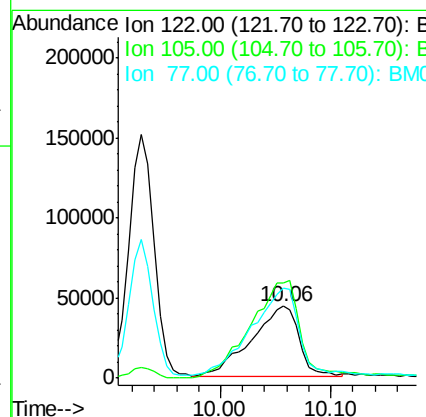
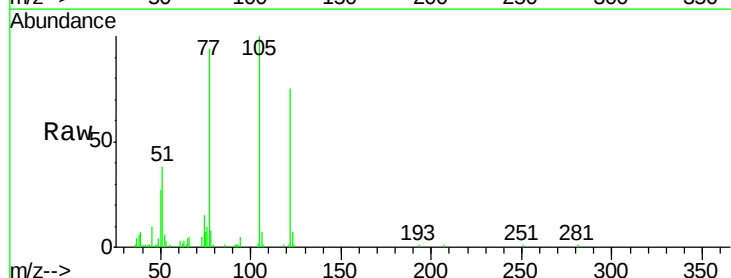
Manual Integrations
APPROVED

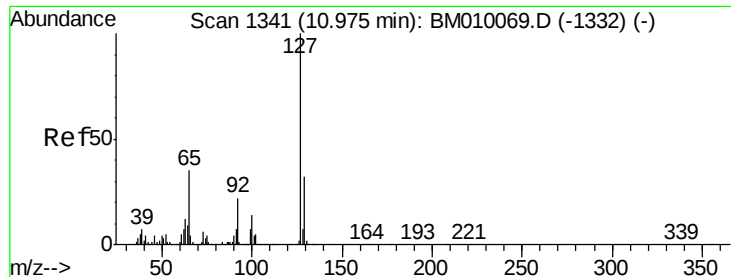
mohammad
5/26/2017 10:32:00 AM



#32
Benzoic acid
Concen: 33.50 ng
RT: 10.06 min Scan# 1185
Delta R.T. -0.05 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	132906		
105	133.2	99.9	139.9	
77	125.2	73.7	113.7#	





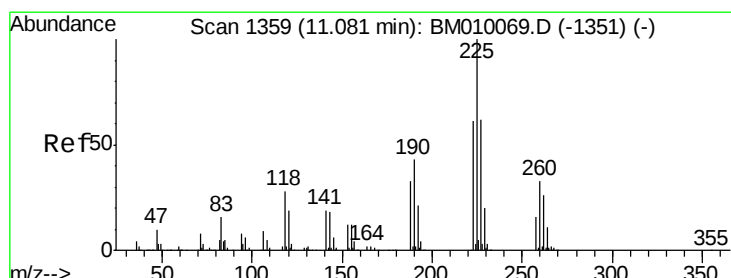
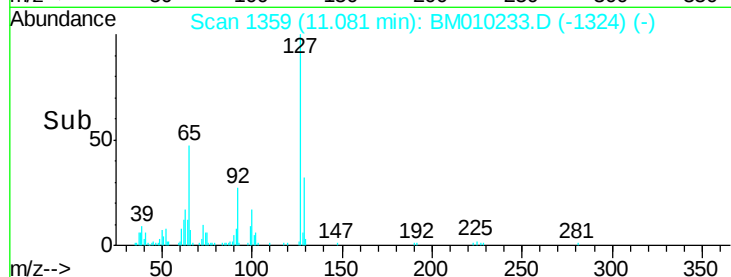
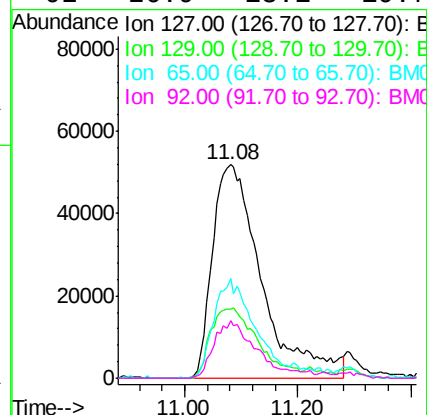
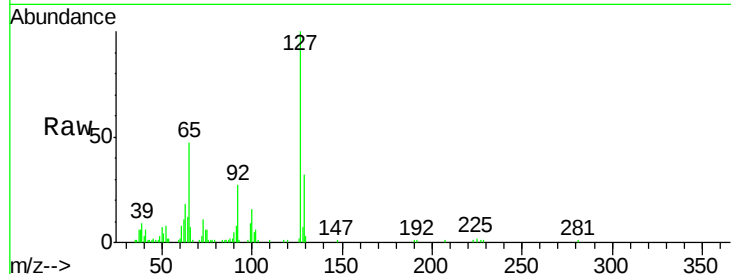
#33
4-Chloroaniline
Concen: 37.89 ng m
RT: 11.08 min Scan# 1359
Delta R.T. 0.11 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	312760		
129	32.1	25.3	37.9	
65	47.0	17.6	26.4	
92	26.9	13.1	19.7	

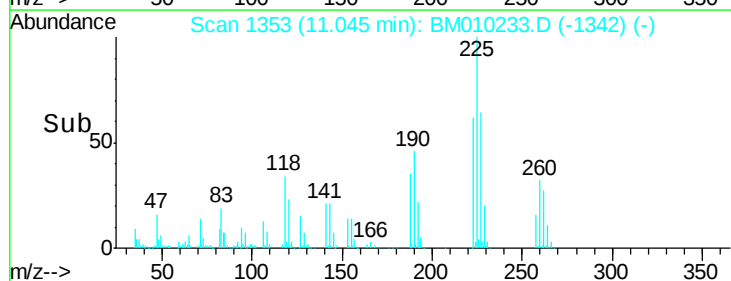
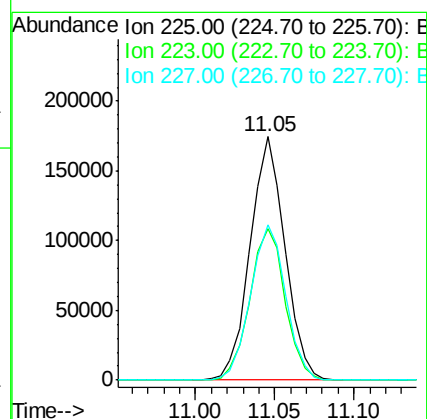
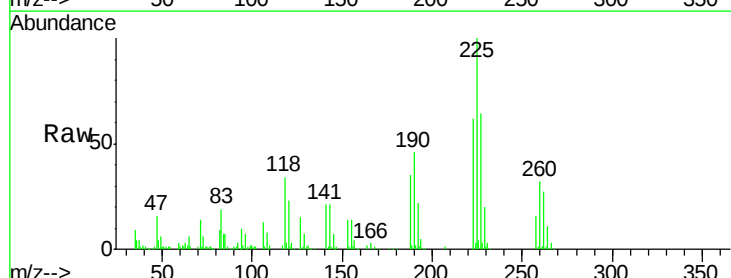
Manual Integrations
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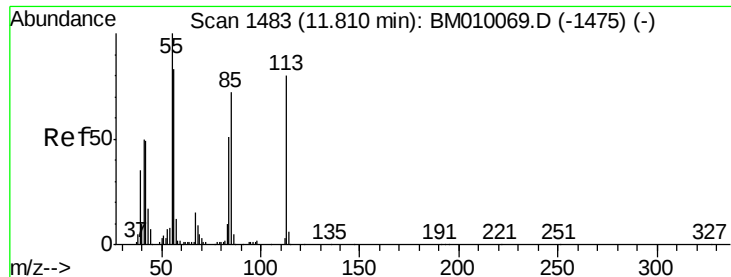
mohammad
5/26/2017 10:32:00 AM



#34
Hexachlorobutadiene
Concen: 46.08 ng
RT: 11.05 min Scan# 1353
Delta R.T. -0.04 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	266536		
223	62.2	47.9	71.9	
227	64.0	50.1	75.1	





#35

Caprolactam

Concen: 34.20 ng m

RT: 11.76 min Scan# 1474

Delta R.T. -0.05 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Instrument :

BNA_M

ClientSampleId :

PB99276BS

Tgt Ion:113 Resp: 65774

Ion Ratio Lower Upper

113 100

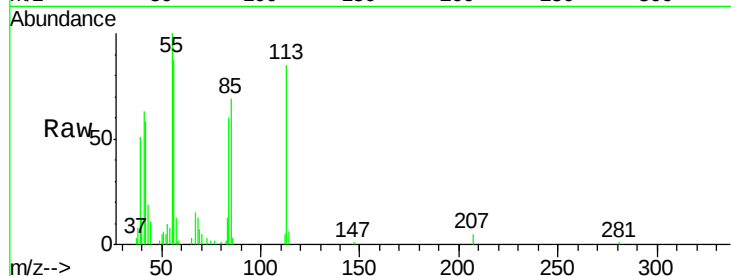
55 117.9 145.9 185.9#

56 102.4 101.0 141.0

Manual Integrations
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mohammad

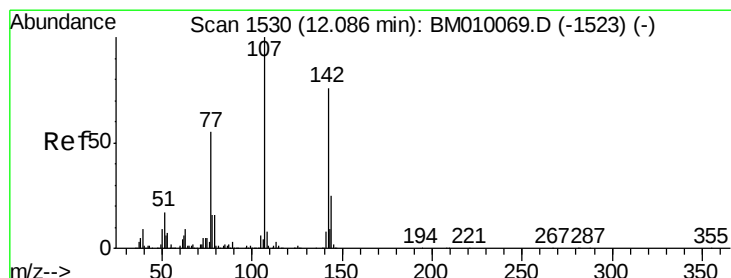
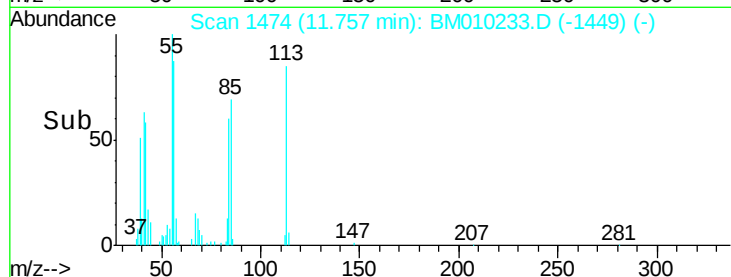
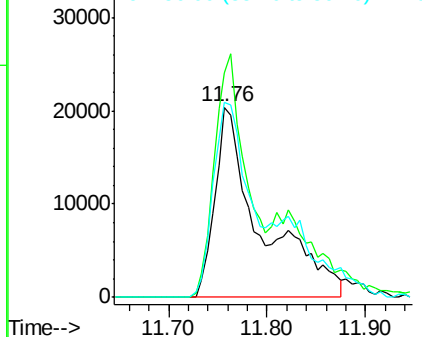
5/26/2017 10:32:00 AM



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: 38.59 ng

RT: 12.05 min Scan# 1524

Delta R.T. -0.04 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

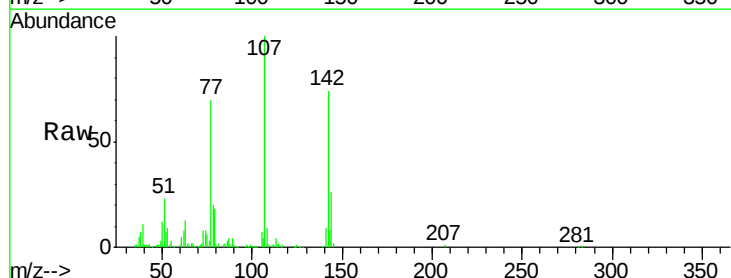
Tgt Ion:107 Resp: 280117

Ion Ratio Lower Upper

107 100

144 25.8 23.3 34.9

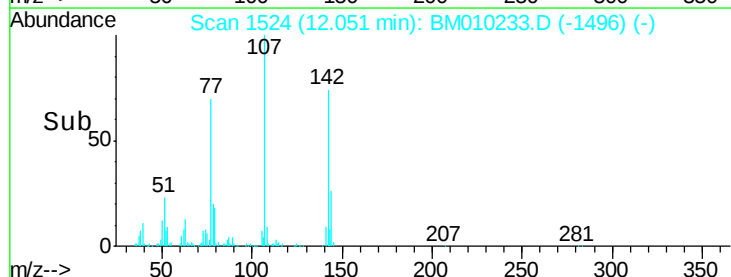
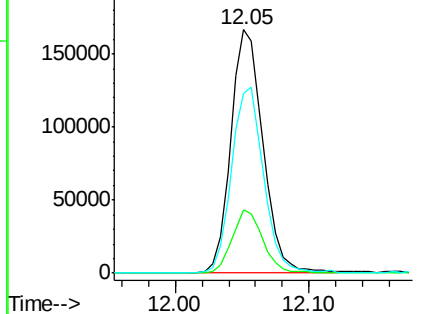
142 73.9 72.6 109.0

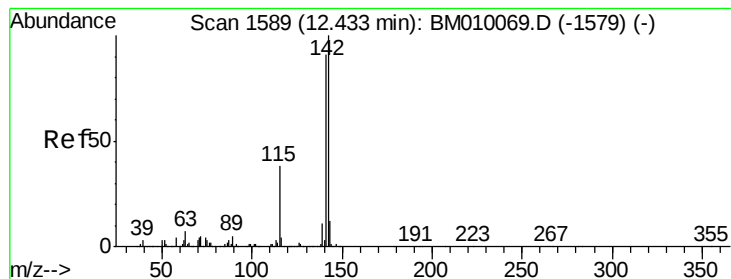


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





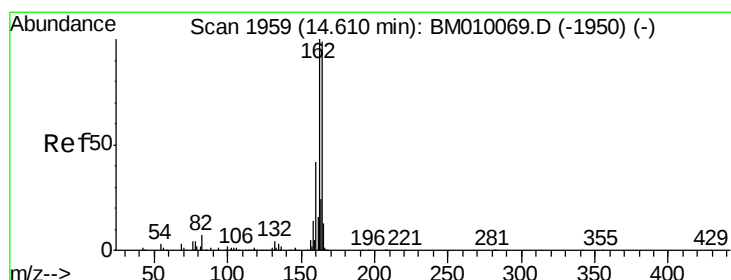
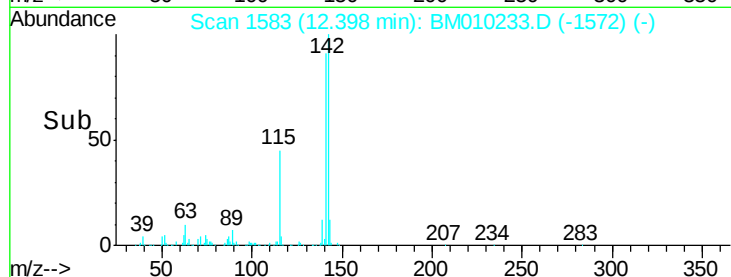
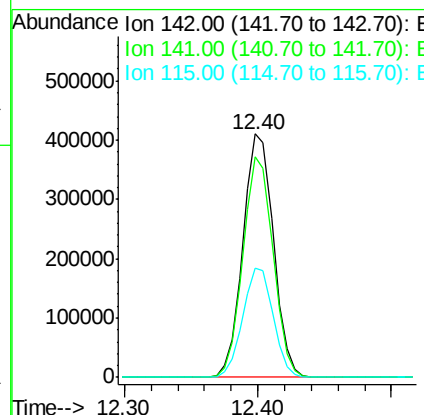
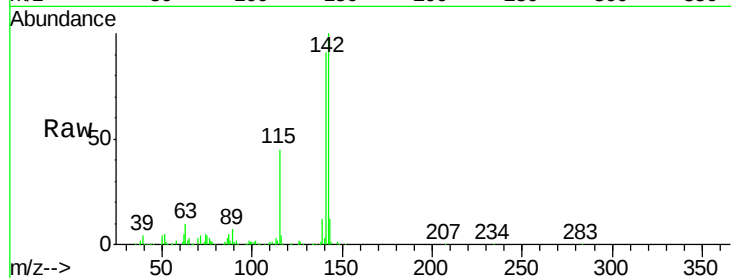
#37
2-Methylnaphthalene
Concen: 42.09 ng
RT: 12.40 min Scan# 1583
Delta R.T. -0.04 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.9	107.9
115	44.6	25.4	38.0

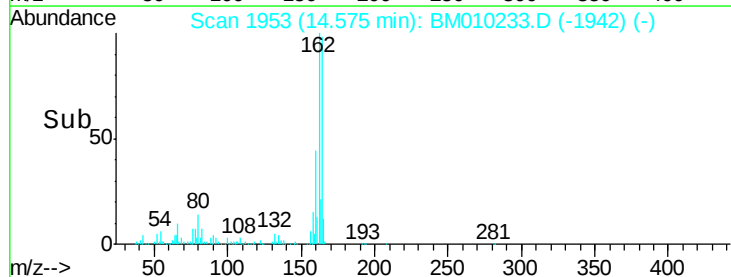
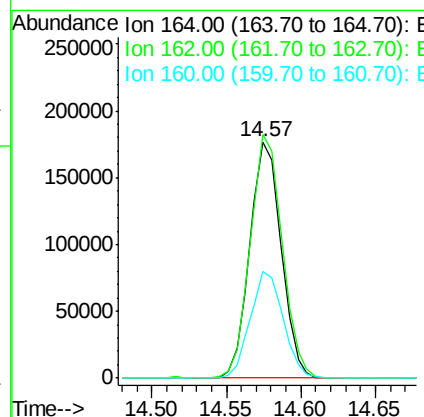
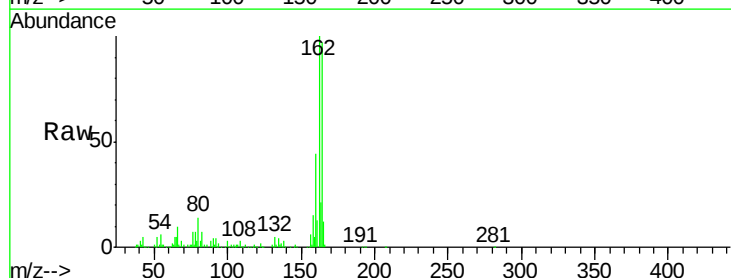
Manual Integrations
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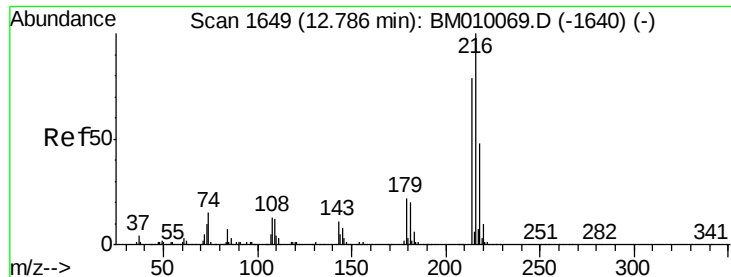
mohammad
5/26/2017 10:32:00 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.4	123.6
160	45.3	35.8	53.6





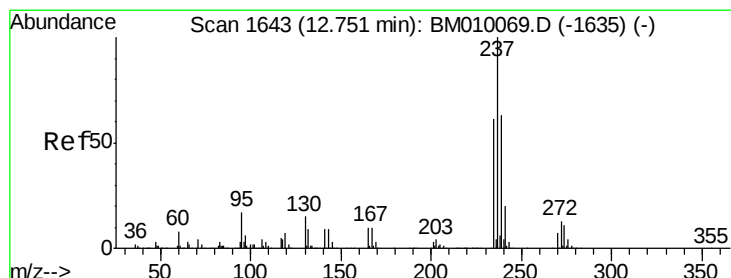
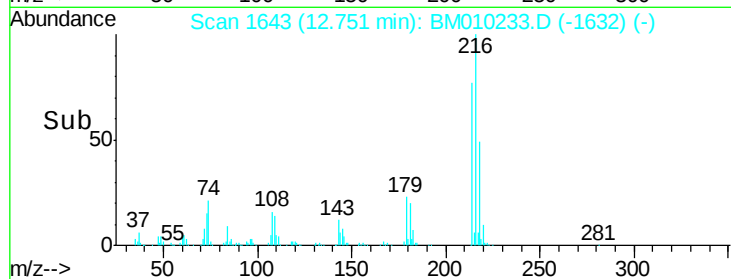
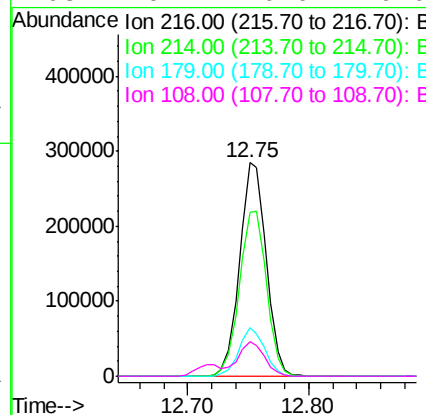
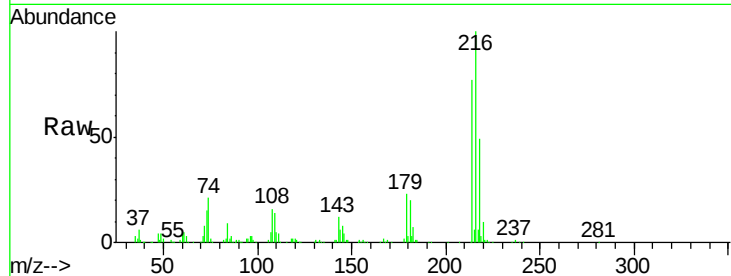
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.30 ng
 RT: 12.75 min Scan# 1643
 Delta R.T. -0.04 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Instrument :
 BNA_M
 ClientSampleId :
 PB99276BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.0	0.0	0.0#
179	21.9	0.0	0.0#
108	16.1	0.0	0.0#

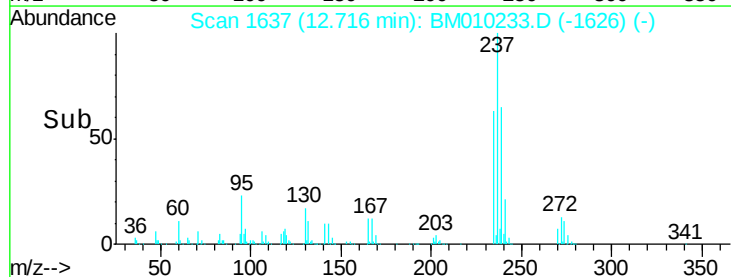
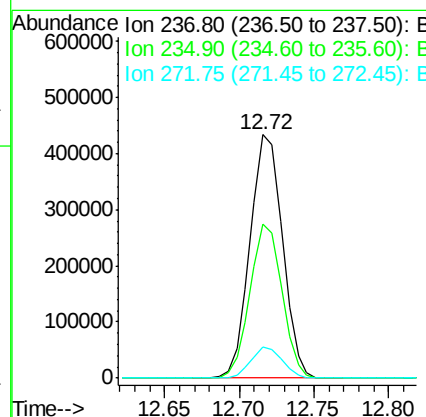
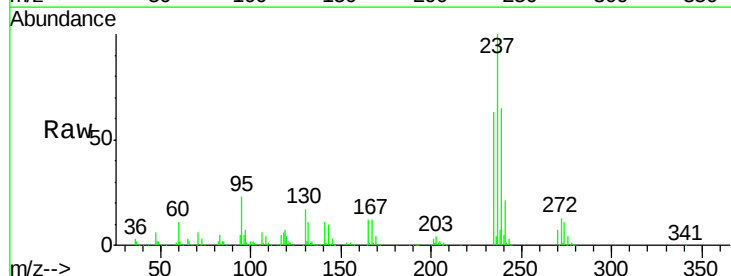
Manual Integrations
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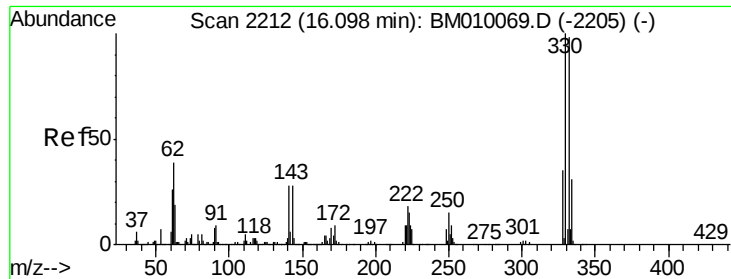
mohammad
 5/26/2017 10:32:00 AM



#40
 Hexachlorocyclopentadiene
 Concen: 114.39 ng
 RT: 12.72 min Scan# 1637
 Delta R.T. -0.04 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.4	42.0	82.0
272	12.7	0.0	33.4





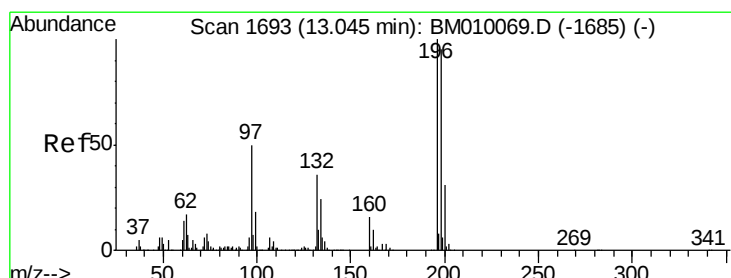
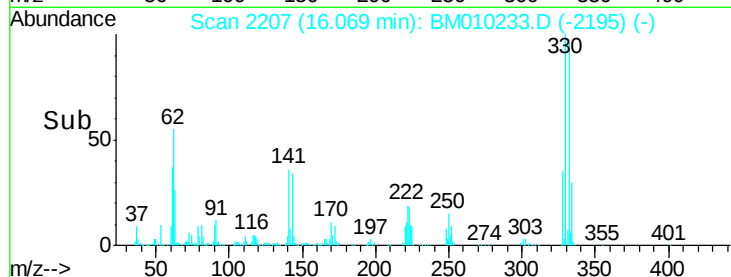
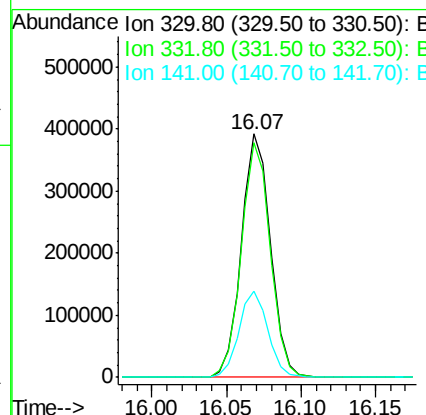
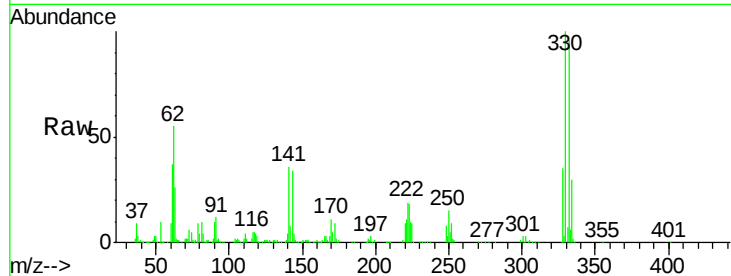
#41
 2,4,6-Tribromophenol
 Concen: 136.73 ng
 RT: 16.07 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Instrument :
 BNA_M
 ClientSampleID :
 PB99276BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.8	0.0	0.0#
141	35.5	0.0	0.0#

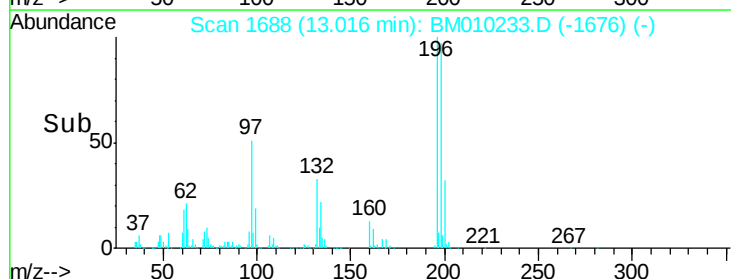
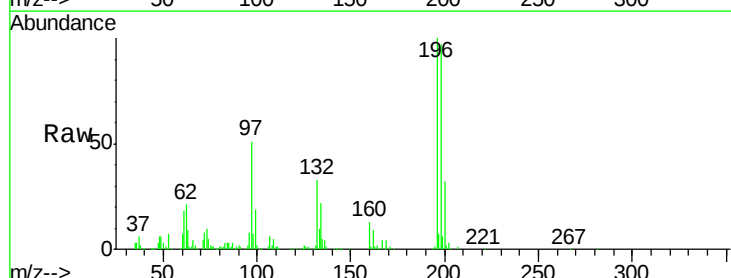
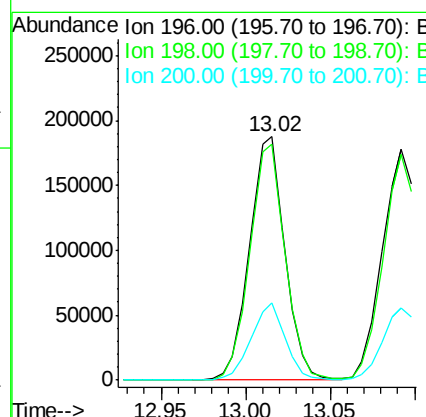
Manual Integrations
 APPROVED

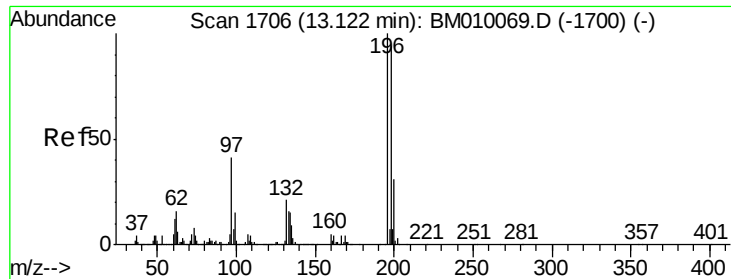
mohammad
 5/26/2017 10:32:00 AM



#42
 2,4,6-Trichlorophenol
 Concen: 47.12 ng
 RT: 13.02 min Scan# 1688
 Delta R.T. -0.03 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	96.7	76.3	114.5
200	31.7	25.6	38.4





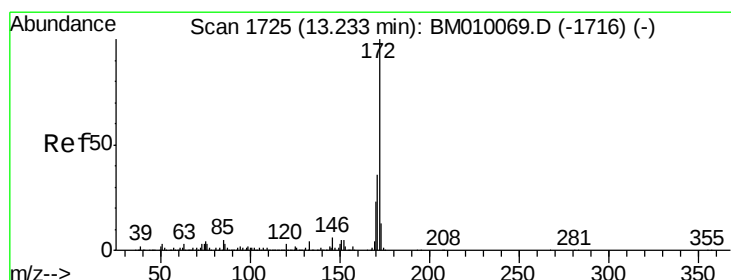
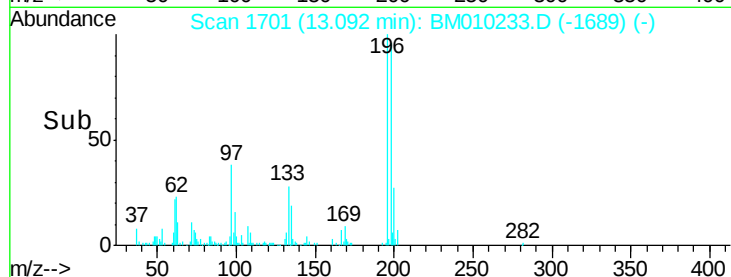
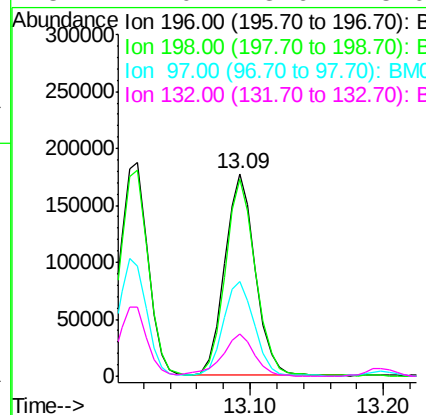
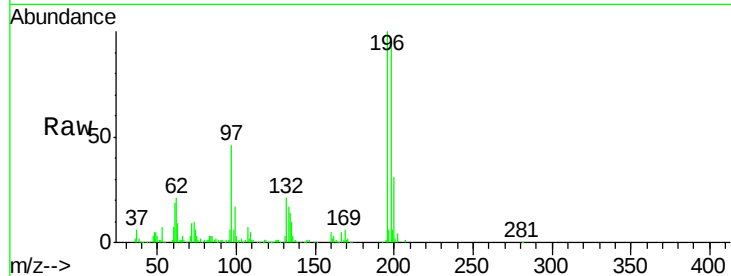
#43
2,4,5-Trichlorophenol
Concen: 44.11 ng
RT: 13.09 min Scan# 1701
Delta R.T. -0.03 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	283207		
198	97.4	79.4	119.0	
97	46.4	26.8	40.2	
132	21.0	18.6	28.0	

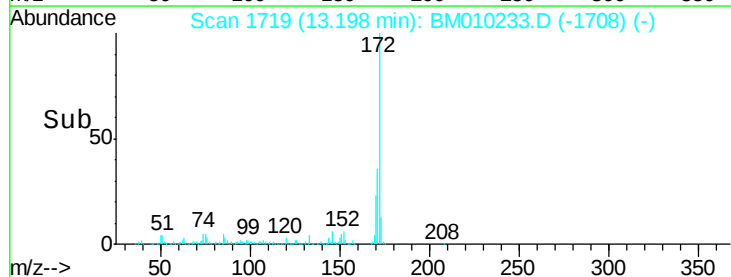
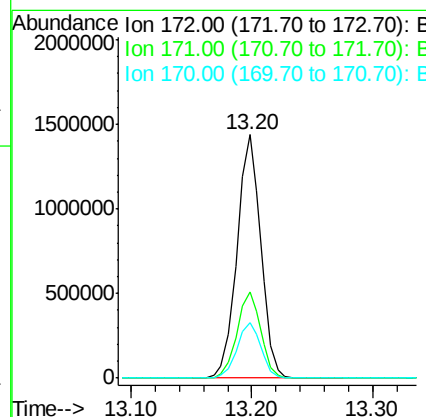
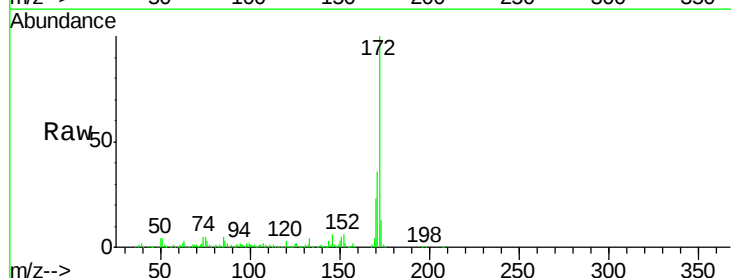
Manual Integrations
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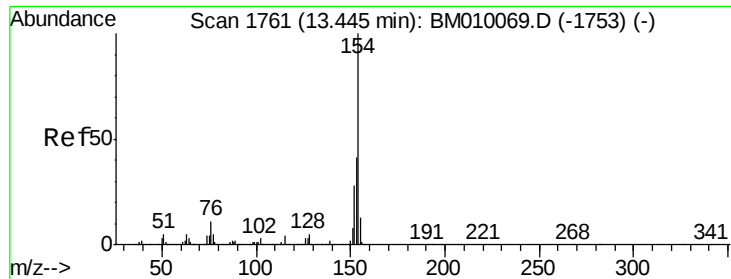
mohammad
5/26/2017 10:32:00 AM



#44
2-Fluorobiphenyl
Concen: 98.47 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1964825		
171	35.5	28.5	42.7	
170	22.7	18.8	28.2	





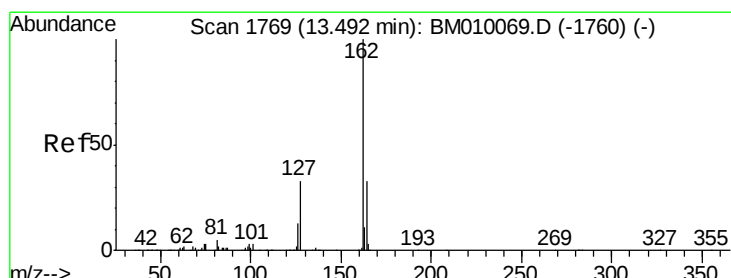
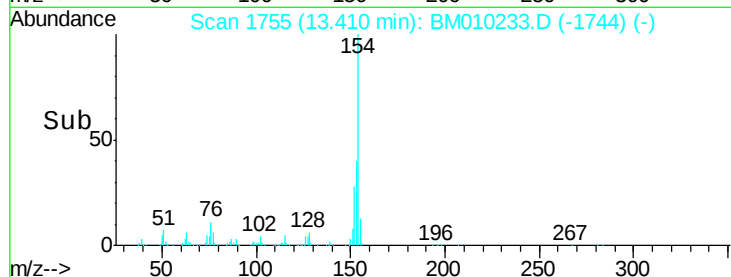
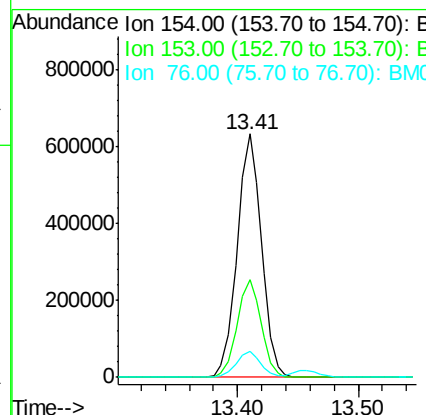
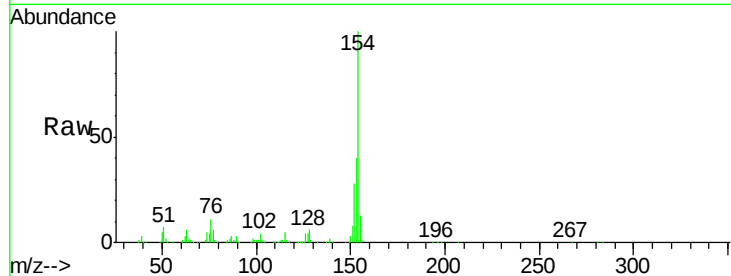
#45
 1,1'-Biphenyl
 Concen: 41.94 ng
 RT: 13.41 min Scan# 1755
 Delta R.T. -0.04 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Instrument :
 BNA_M
 ClientSampleId :
 PB99276BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	884798		
153	40.2	20.7	60.7	
76	10.6	0.0	30.9	

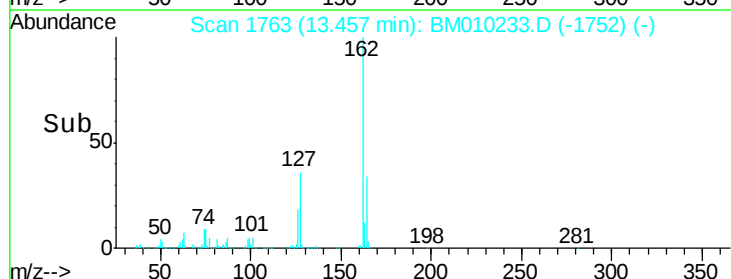
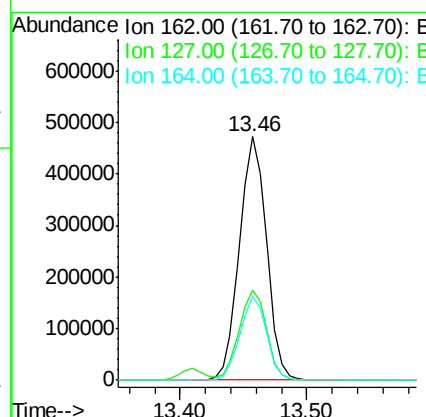
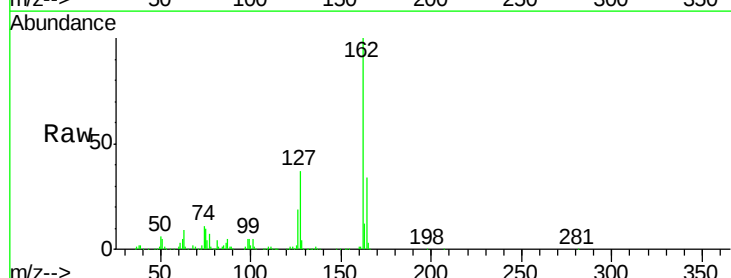
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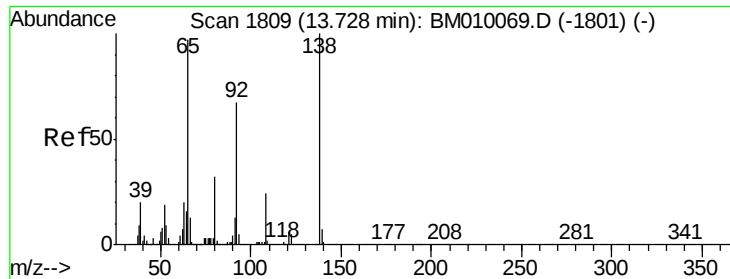
mohammad
 5/26/2017 10:32:00 AM



#46
 2-Chloronaphthalene
 Concen: 40.82 ng
 RT: 13.46 min Scan# 1763
 Delta R.T. -0.04 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	697183		
127	37.1	26.9	40.3	
164	34.1	26.8	40.2	





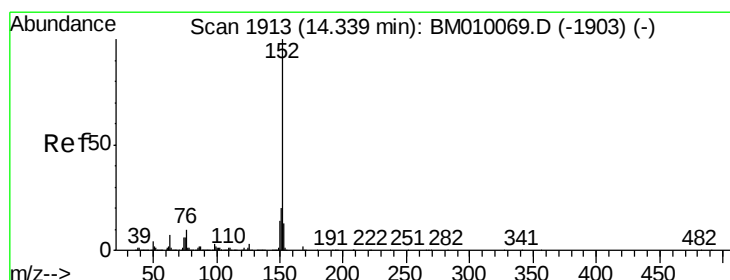
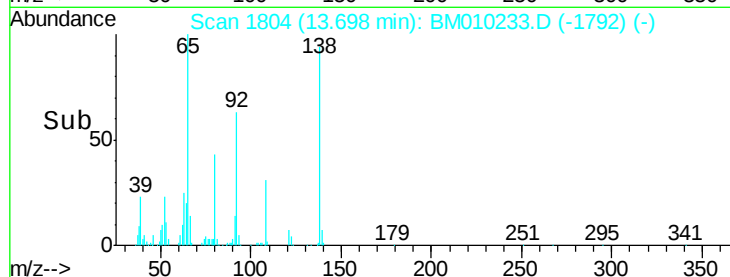
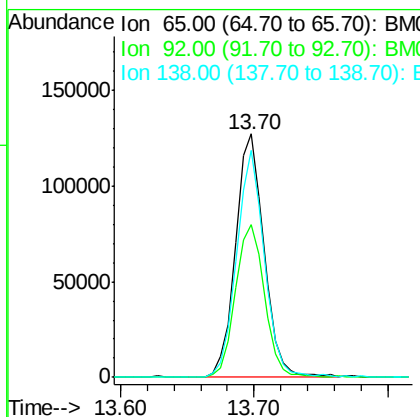
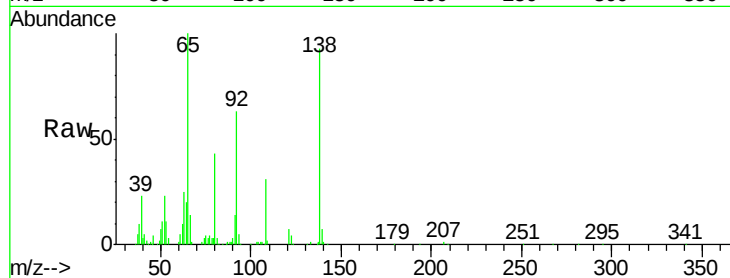
#47
2-Nitroaniline
Concen: 43.04 ng
RT: 13.70 min Scan# 1804
Delta R.T. -0.03 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.8	59.1	88.7
138	93.2	93.9	140.9

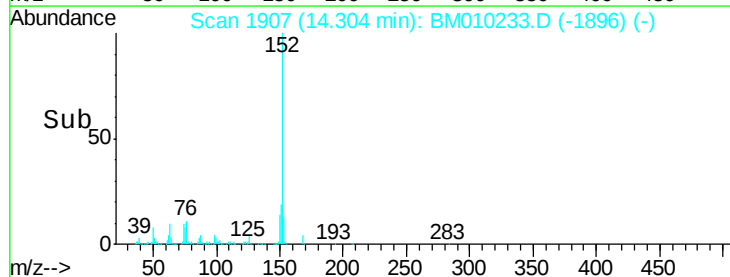
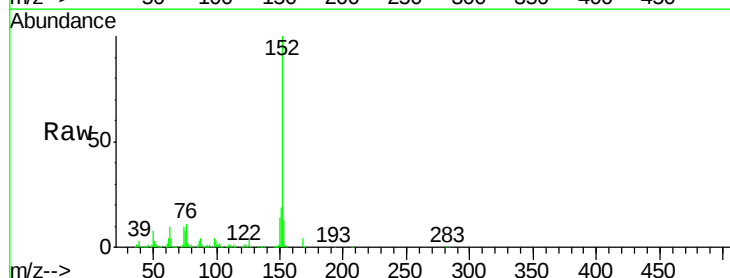
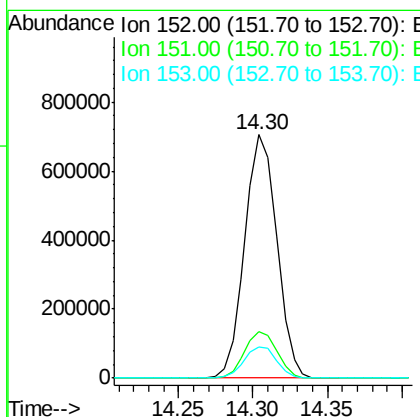
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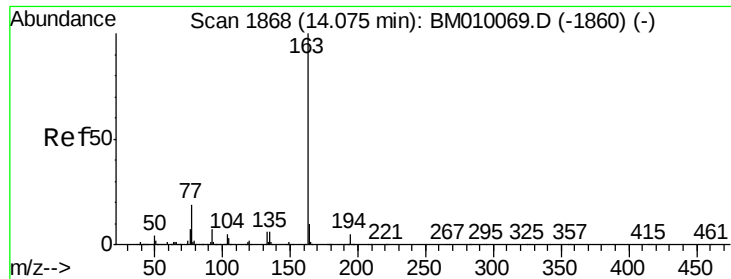
mohammad
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#48
Acenaphthylene
Concen: 41.67 ng
RT: 14.30 min Scan# 1907
Delta R.T. -0.04 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	12.8	10.6	16.0





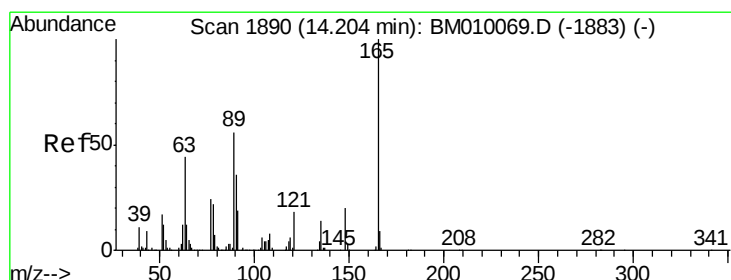
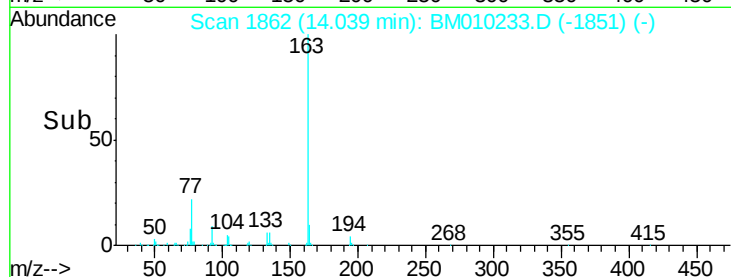
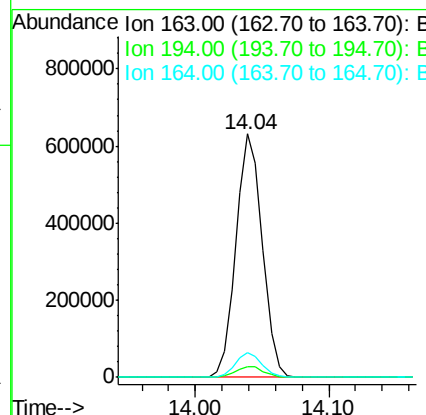
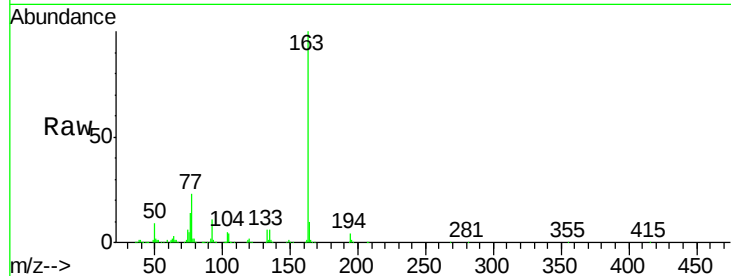
#49
Dimethylphthalate
Concen: 37.93 ng
RT: 14.04 min Scan# 1862
Delta R.T. -0.04 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	867986		
194	4.4	2.7	4.1#	
164	10.0	8.2	12.2	

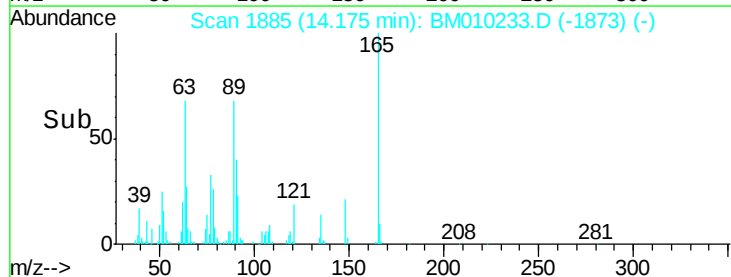
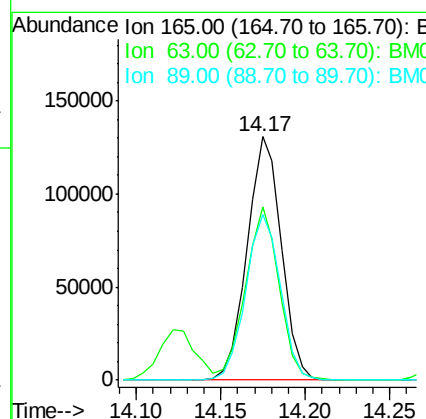
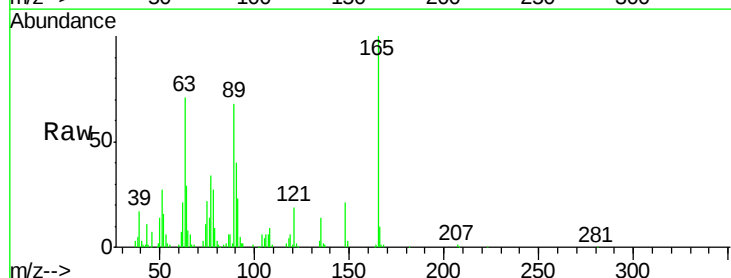
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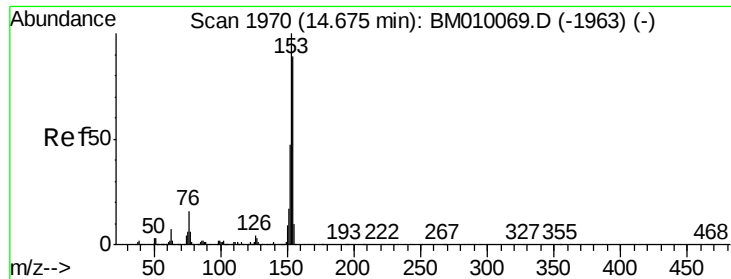
mohammad
5/26/2017 10:32:00 AM



#50
2,6-Dinitrotoluene
Concen: 42.50 ng
RT: 14.17 min Scan# 1885
Delta R.T. -0.03 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	184667		
63	71.0	44.1	66.1#	
89	67.8	44.3	66.5#	





#51

Acenaphthene

Concen: 40.75 ng

RT: 14.64 min Scan# 1964

Delta R.T. -0.04 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Instrument :

BNA_M

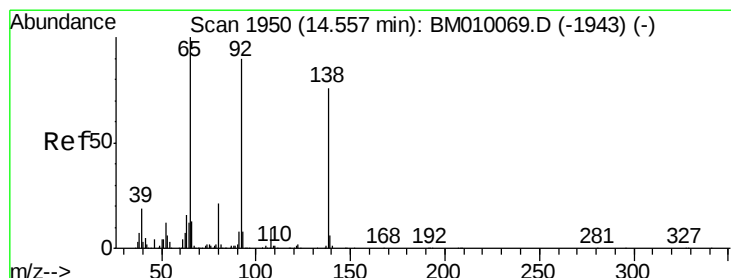
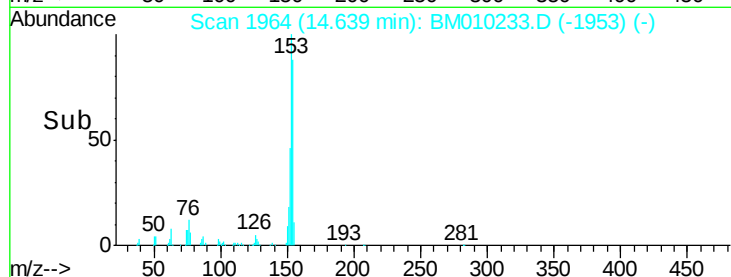
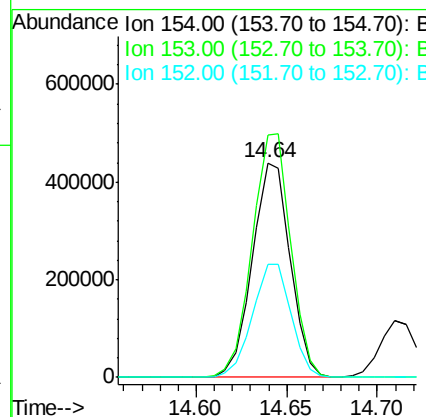
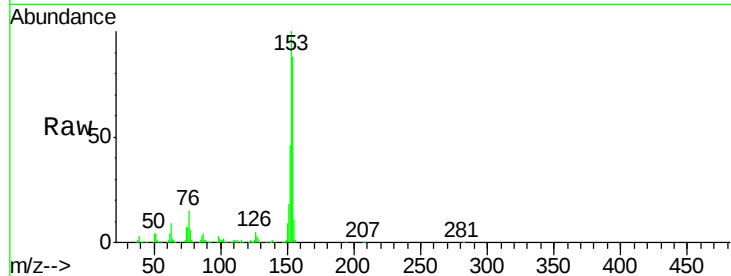
ClientSampleId :

PB99276BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	639849		
153	113.0	90.0	135.0	
152	52.4	42.6	63.8	

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#52

3-Nitroaniline

Concen: 34.81 ng

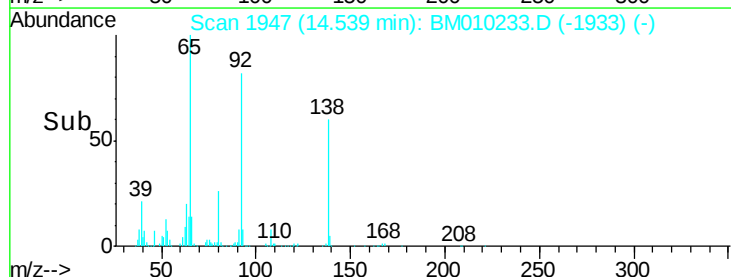
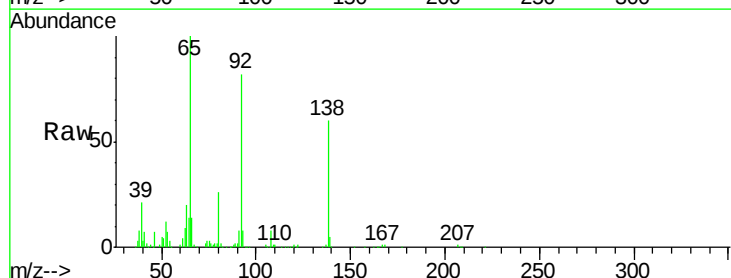
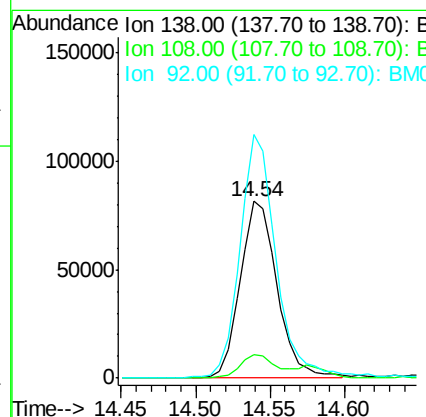
RT: 14.54 min Scan# 1947

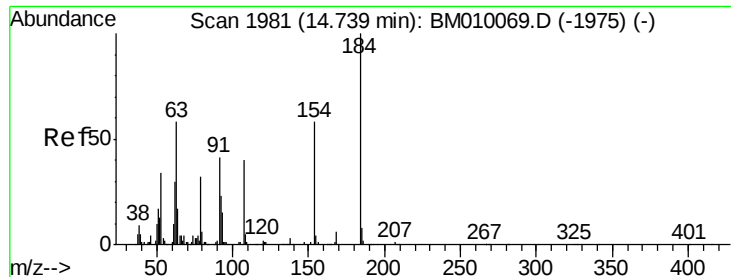
Delta R.T. -0.02 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	140583		
108	13.6	7.3	10.9#	
92	137.9	76.6	114.8#	





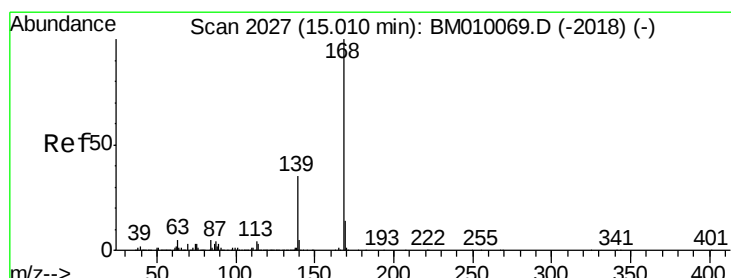
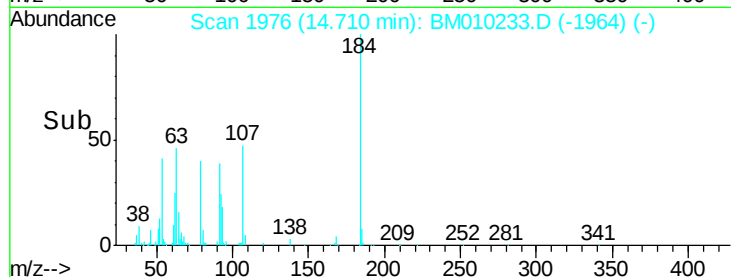
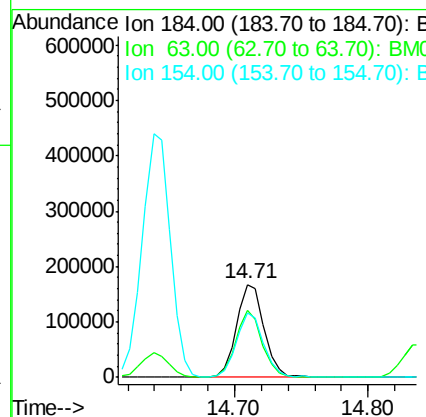
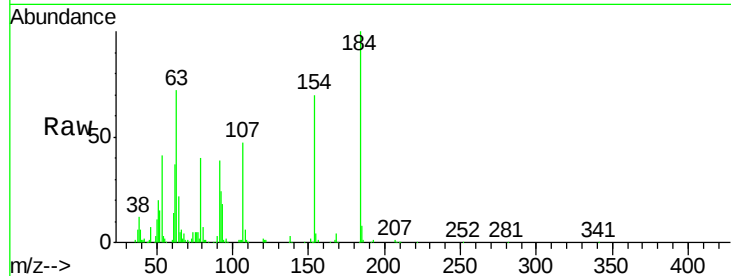
#53
2,4-Dinitrophenol
Concen: 83.47 ng
RT: 14.71 min Scan# 1976
Delta R.T. -0.03 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	241821		
63	71.8	69.2	103.8	
154	70.0	53.3	79.9	

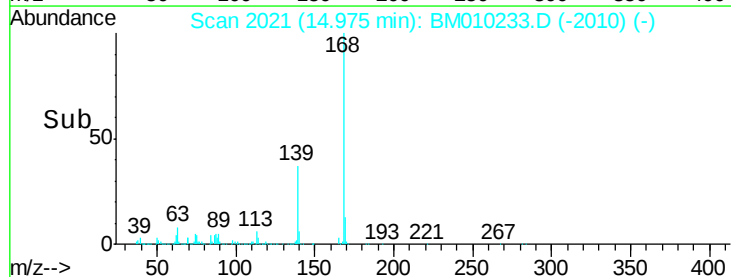
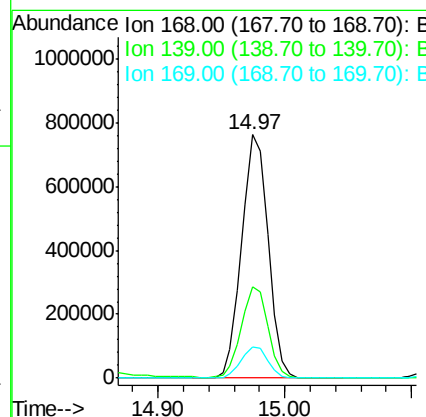
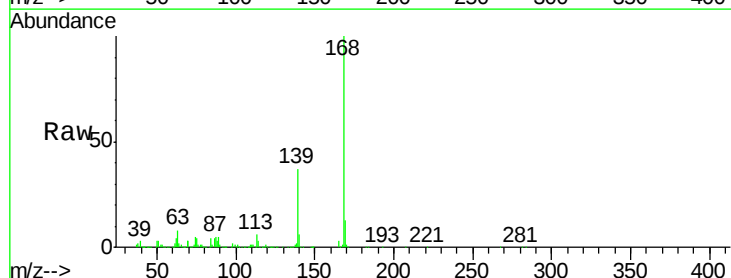
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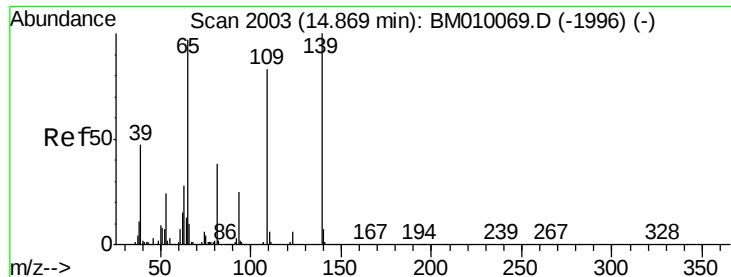
mohammad
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#54
Dibenzofuran
Concen: 44.67 ng
RT: 14.97 min Scan# 2021
Delta R.T. -0.04 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1102900		
139	37.3	27.3	40.9	
169	13.0	10.6	16.0	





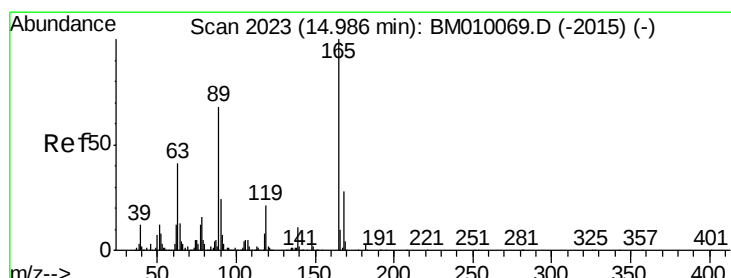
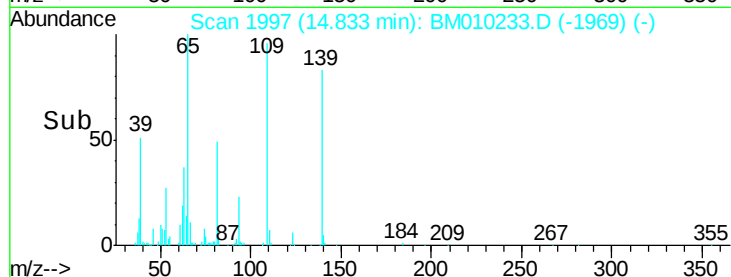
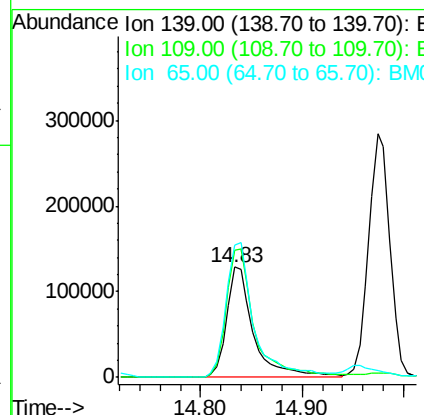
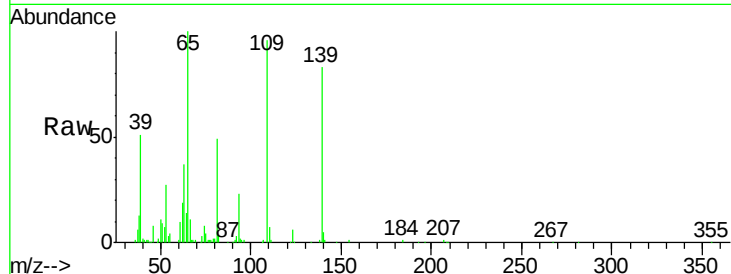
#55
4-Nitrophenol
Concen: 73.69 ng
RT: 14.83 min Scan# 1997
Delta R.T. -0.04 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	239480		
109	115.7	37.7	77.7#	
65	120.8	49.9	89.9#	

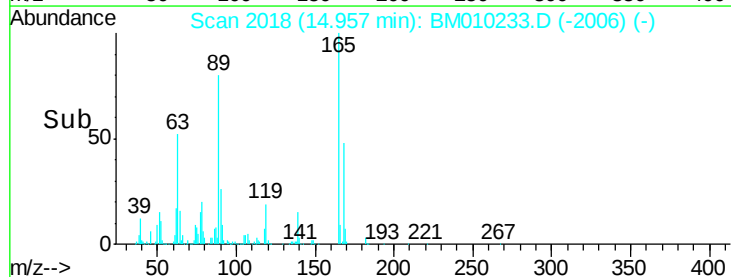
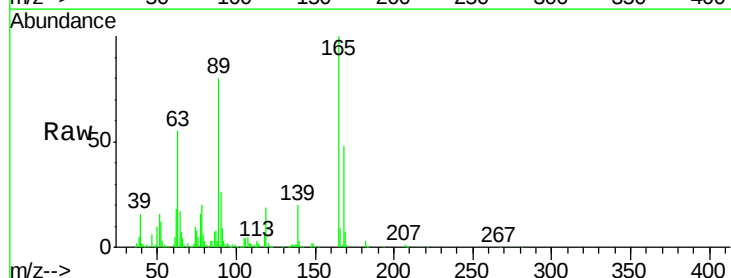
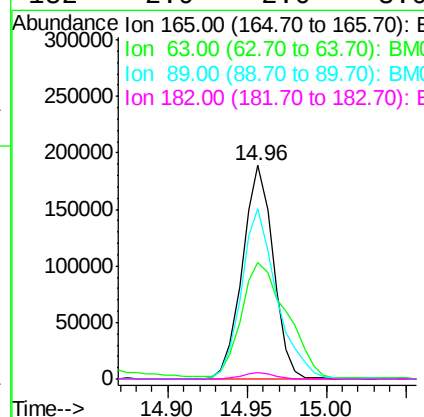
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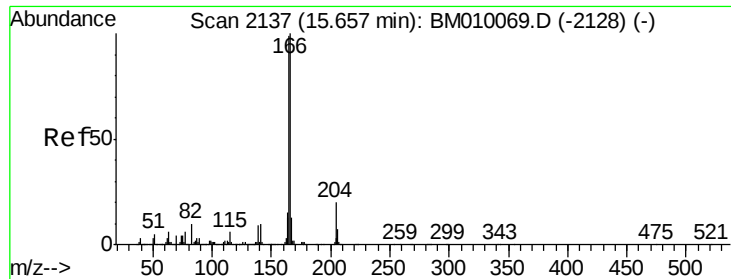
mohammad
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#56
2,4-Dinitrotoluene
Concen: 41.44 ng
RT: 14.96 min Scan# 2018
Delta R.T. -0.03 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	254737		
63	54.6	52.4	78.6	
89	79.9	72.4	108.6	
182	2.9	2.0	3.0	





#57

Fluorene

Concen: 41.81 ng

RT: 15.62 min Scan# 2131

Delta R.T. -0.04 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Instrument :

BNA_M

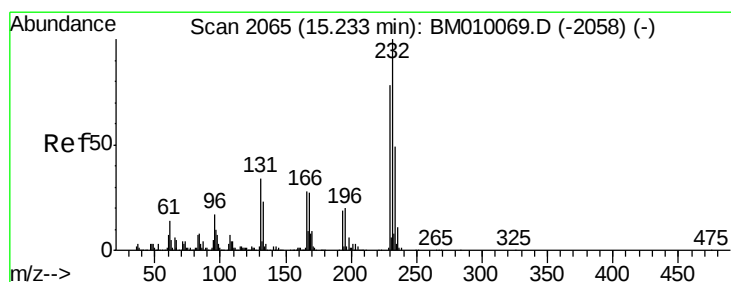
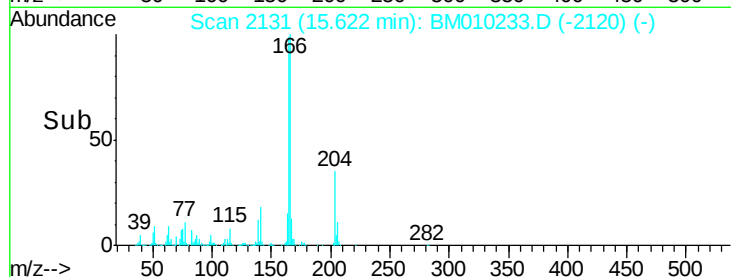
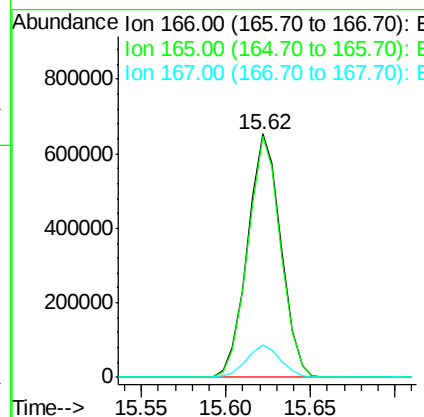
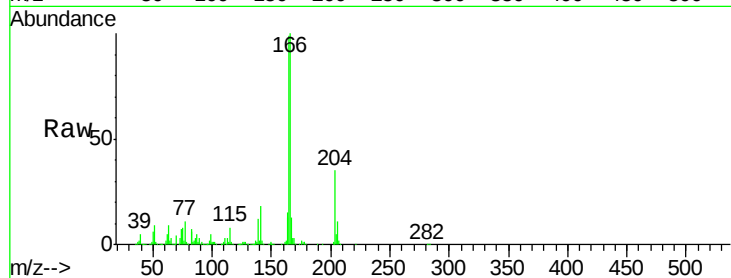
ClientSampleId :

PB99276BS

Tgt Ion:	166	Resp:	897688
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.0	118.4
167	13.2	10.3	15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.37 ng m

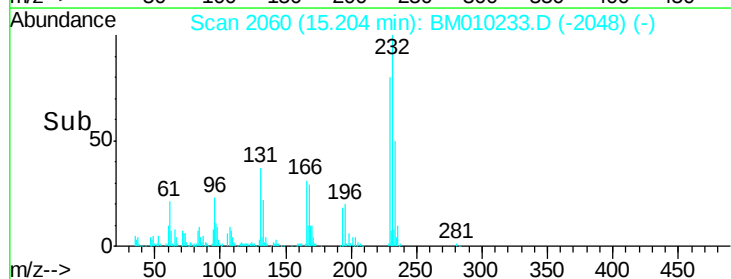
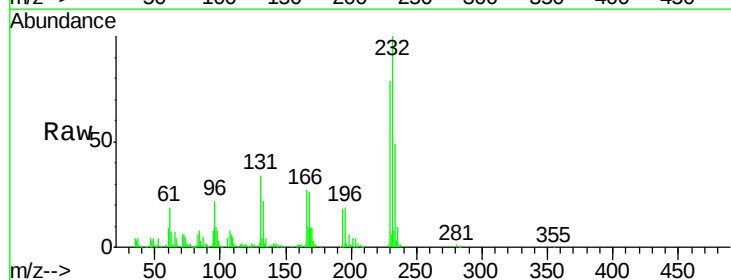
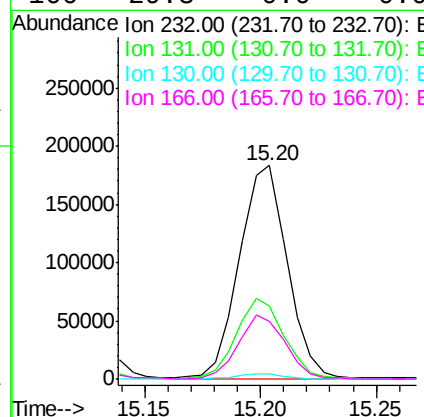
RT: 15.20 min Scan# 2060

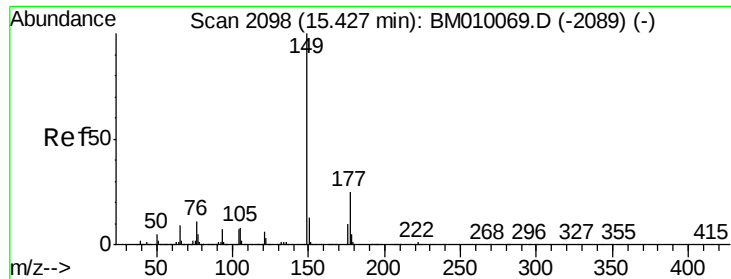
Delta R.T. -0.03 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Tgt Ion:	232	Resp:	264512
Ion Ratio	Lower	Upper	
232	100		
131	37.9	0.0	0.0#
130	2.4	0.0	0.0#
166	29.3	0.0	0.0#





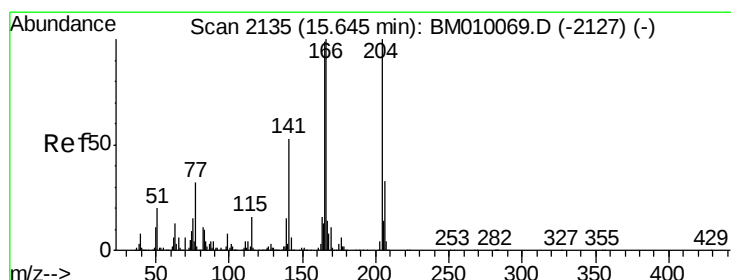
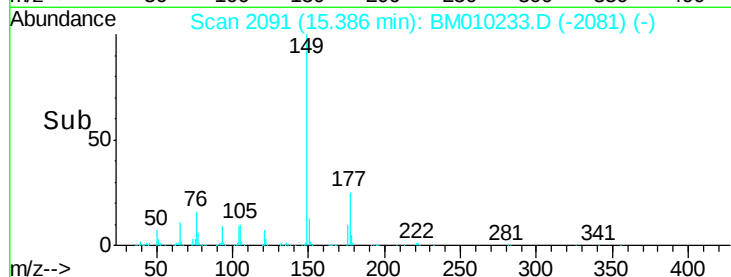
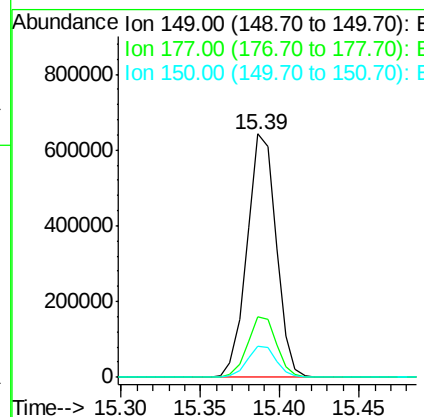
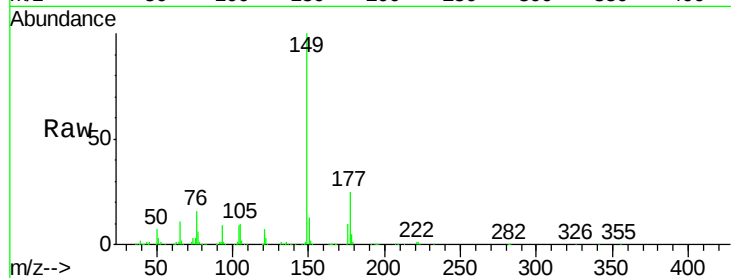
#59
Diethylphthalate
Concen: 37.87 ng
RT: 15.39 min Scan# 2091
Delta R.T. -0.04 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	819360		
177	24.9	18.3	27.5	
150	12.7	9.8	14.8	

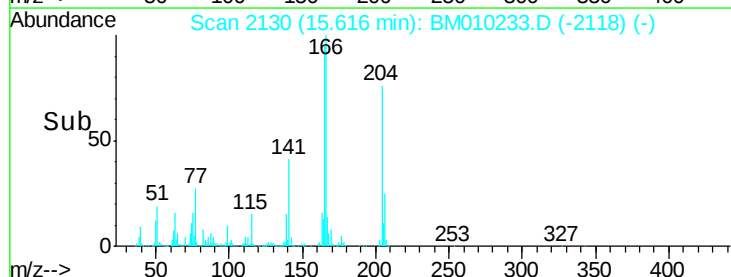
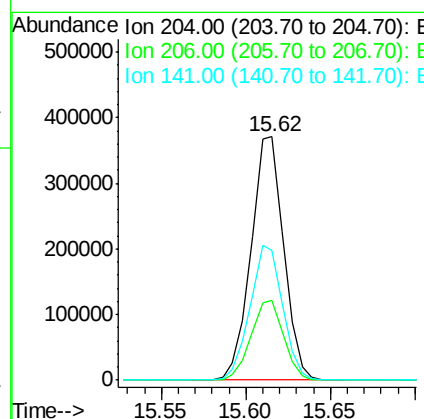
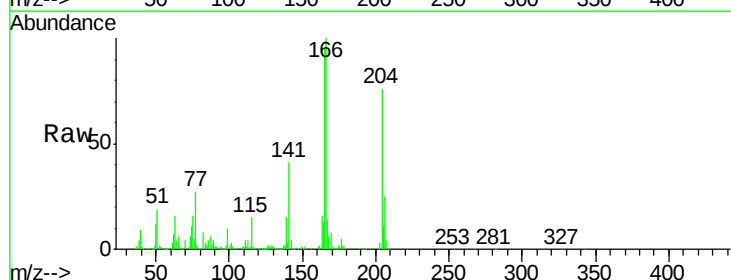
Manual Integrations
APPROVED

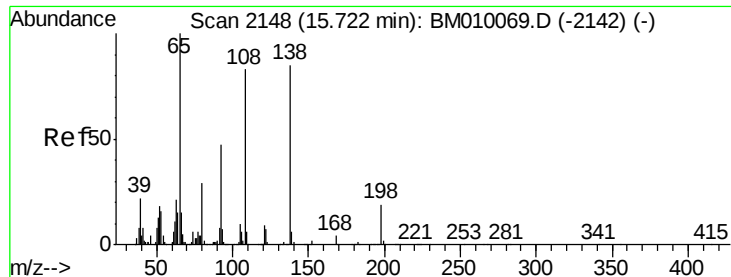
mohammad
5/26/2017 10:32:00 AM



#60
4-Chlorophenyl-phenylether
Concen: 41.65 ng
RT: 15.62 min Scan# 2130
Delta R.T. -0.03 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	502075		
206	32.9	26.6	39.8	
141	53.2	45.2	67.8	





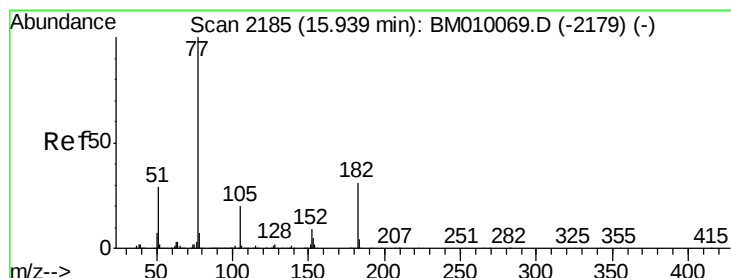
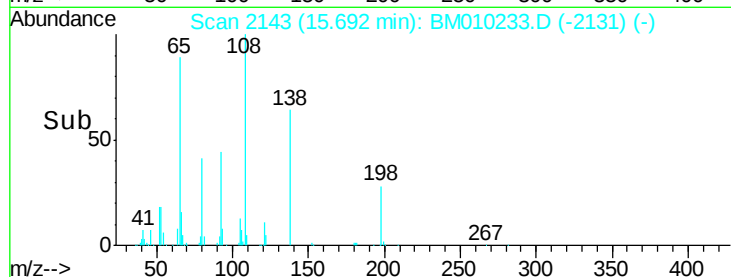
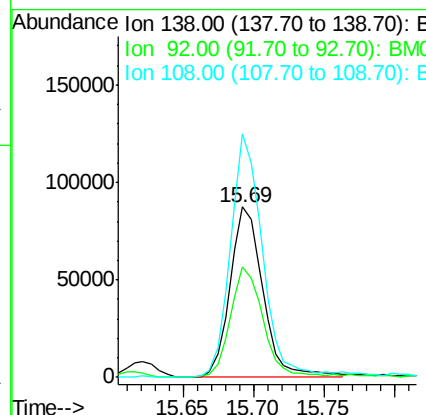
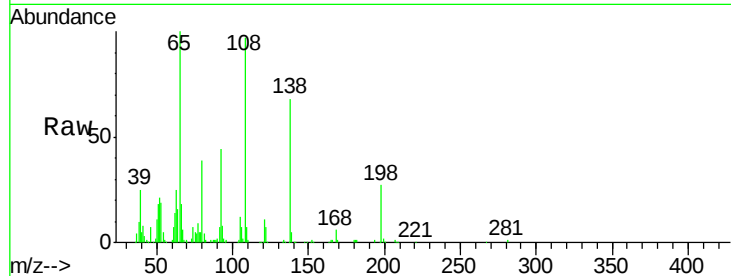
#61
4-Nitroaniline
Concen: 34.80 ng
RT: 15.69 min Scan# 2143
Delta R.T. -0.03 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	64.5	16.7	56.7#
108	142.8	37.6	77.6#

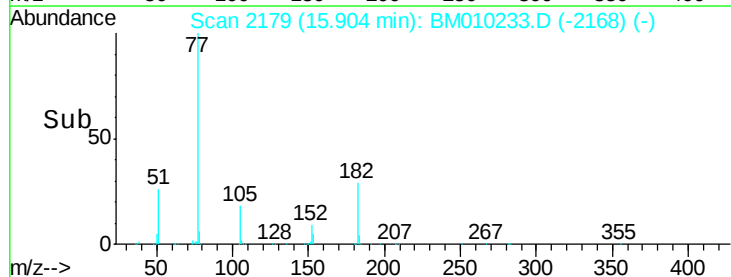
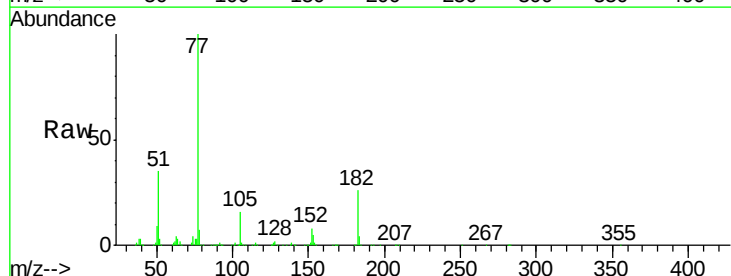
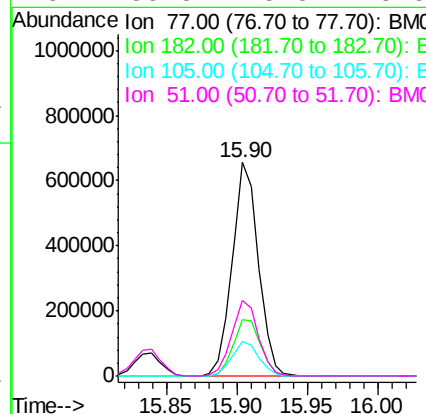
Manual Integrations
APPROVED

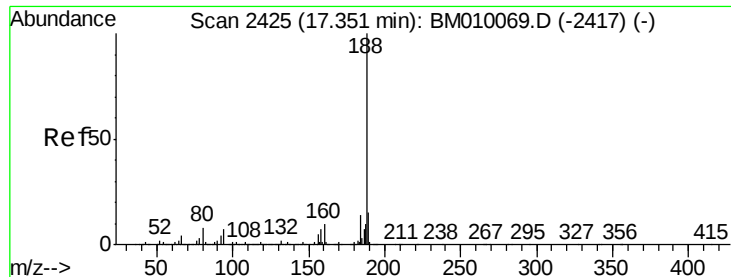
mohammad
5/26/2017 10:32:00 AM



#62
Azobenzene
Concen: 52.71 ng
RT: 15.90 min Scan# 2179
Delta R.T. -0.04 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.1	6.5	46.5
105	16.2	3.8	43.8
51	35.3	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.32 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Instrument :

BNA_M

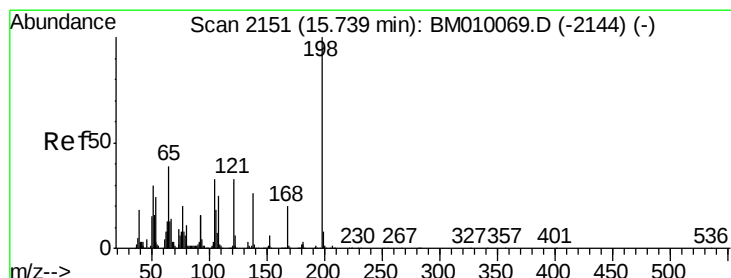
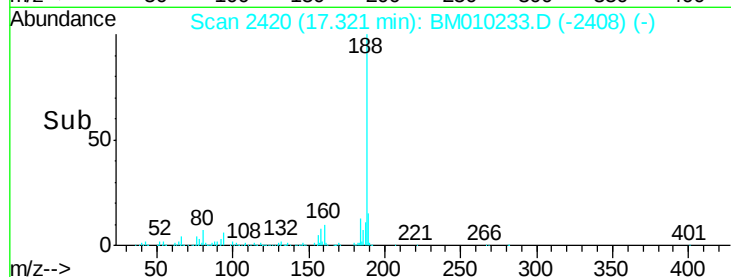
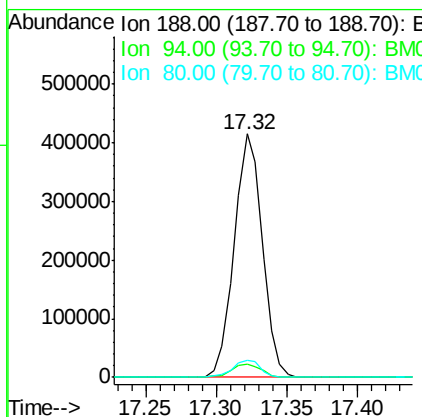
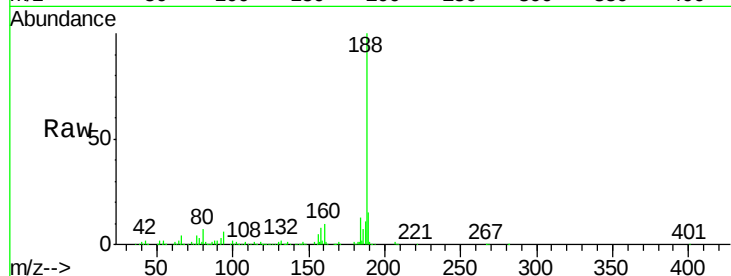
ClientSampleId :

PB99276BS

Tgt Ion:	188	Resp:	576720
Ion Ratio	Lower	Upper	
188	100		
94	5.6	8.7	13.1#
80	7.2	9.3	13.9#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 46.19 ng

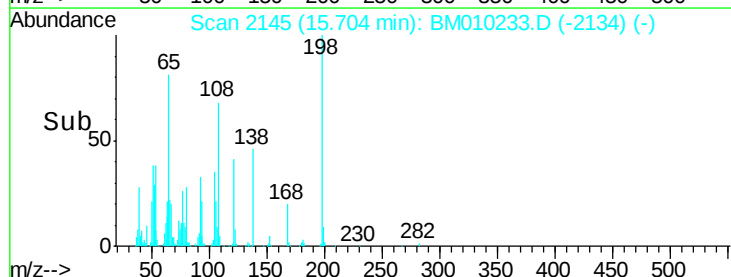
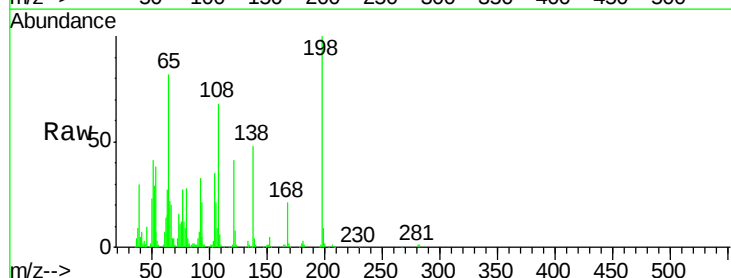
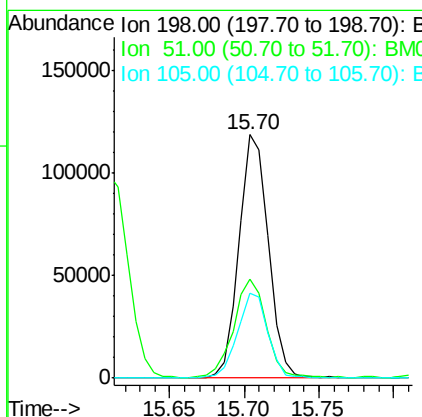
RT: 15.70 min Scan# 2145

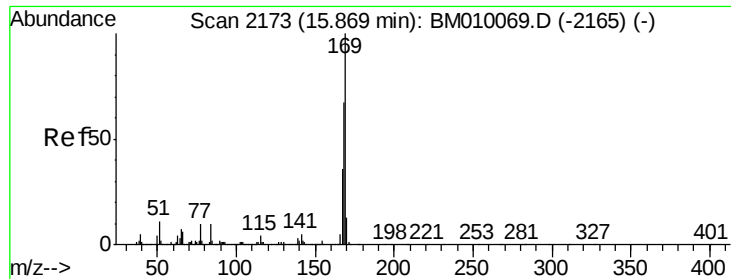
Delta R.T. -0.04 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Tgt Ion:	198	Resp:	162739
Ion Ratio	Lower	Upper	
198	100		
51	40.7	28.8	68.8
105	35.1	30.5	70.5





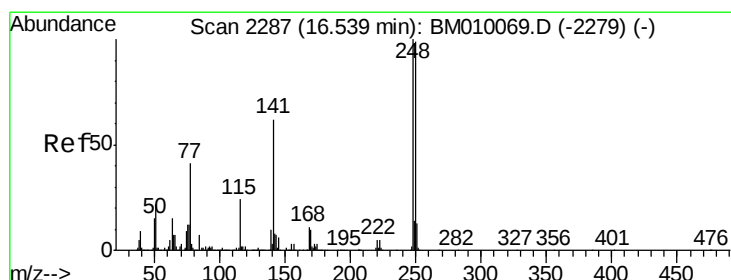
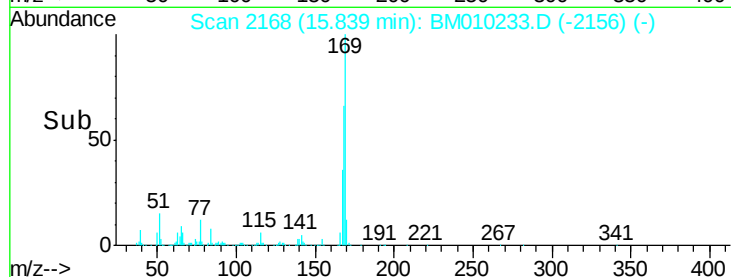
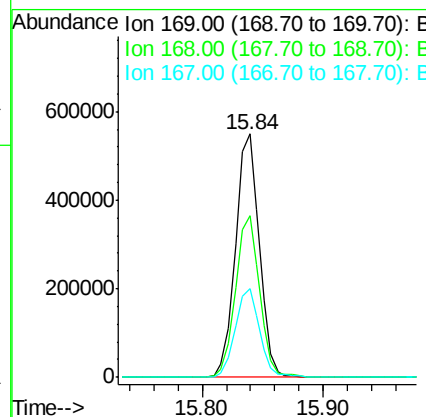
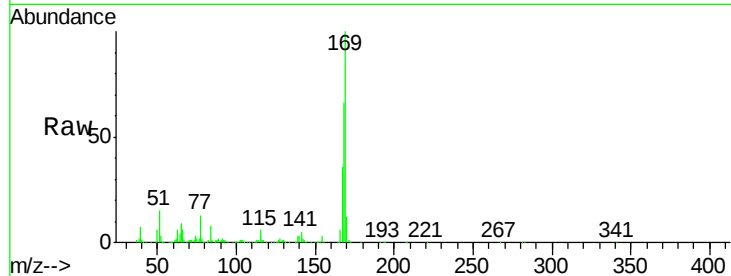
#65
n-Nitrosodiphenylamine
Concen: 43.75 ng
RT: 15.84 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	756265		
168	66.2	53.9	80.9	
167	36.2	28.9	43.3	

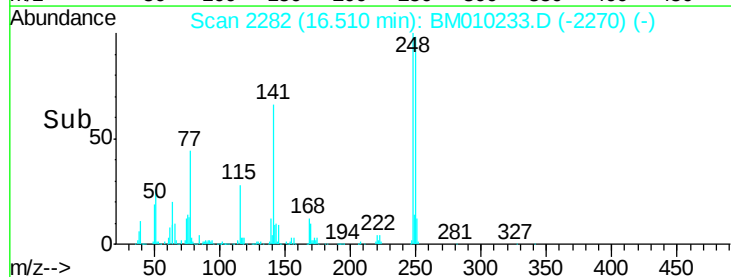
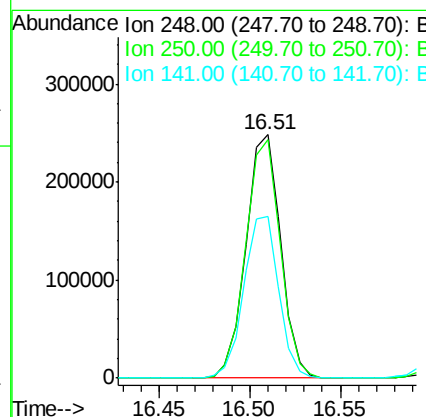
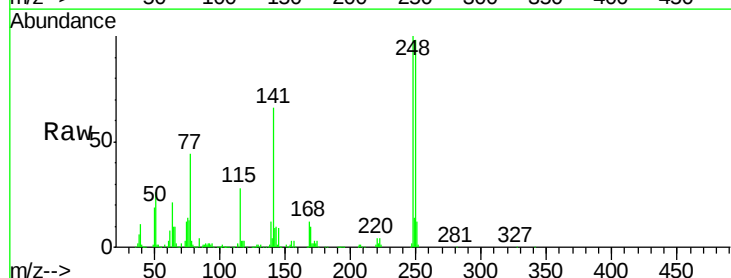
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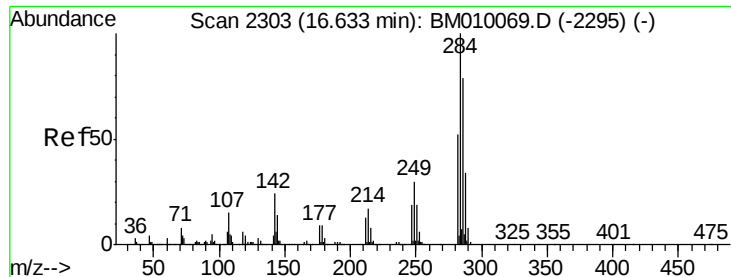
mohammad
5/26/2017 10:32:00 AM



#66
4-Bromophenyl-phenylether
Concen: 44.79 ng
RT: 16.51 min Scan# 2282
Delta R.T. -0.03 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	330661		
250	98.1	77.4	116.0	
141	66.2	45.2	67.8	





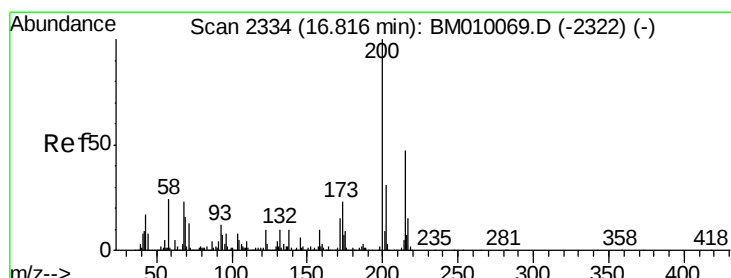
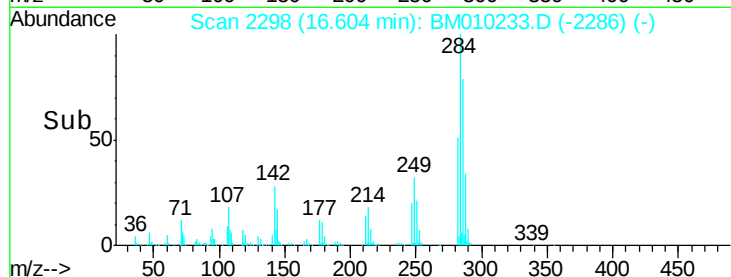
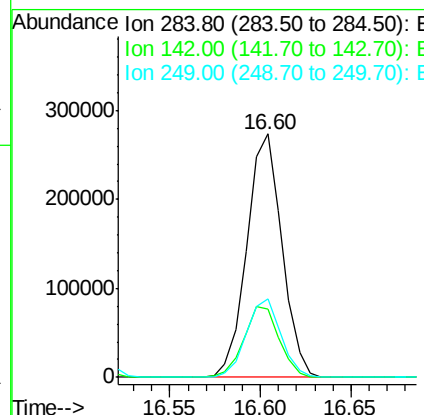
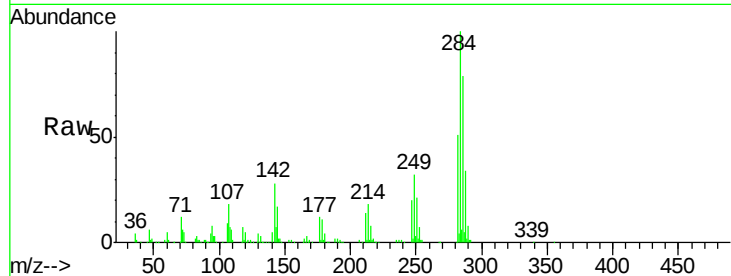
#67
Hexachlorobenzene
Concen: 41.01 ng
RT: 16.60 min Scan# 2298
Delta R.T. -0.03 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	367892		
142	28.0	20.4	30.6	
249	32.0	23.8	35.6	

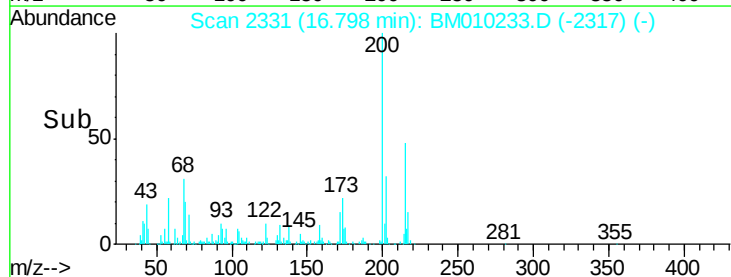
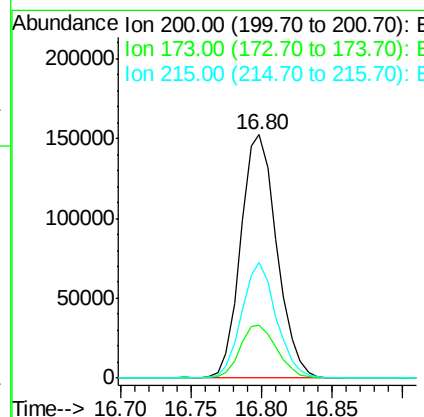
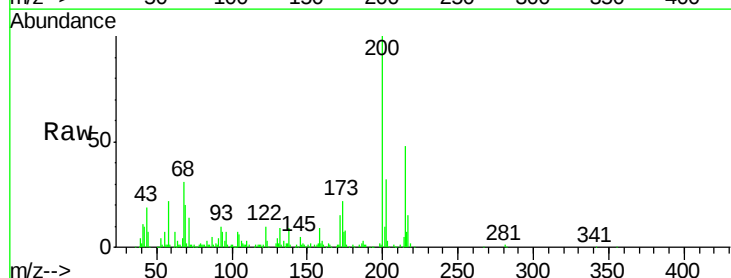
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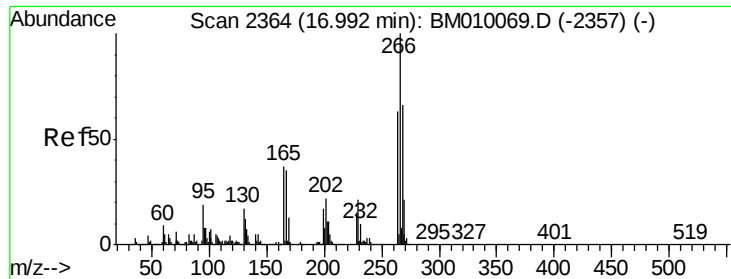
mohammad
5/26/2017 10:32:00 AM



#68
Atrazine
Concen: 41.58 ng
RT: 16.80 min Scan# 2331
Delta R.T. -0.02 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	272508		
173	21.6	4.8	44.8	
215	47.6	26.9	66.9	





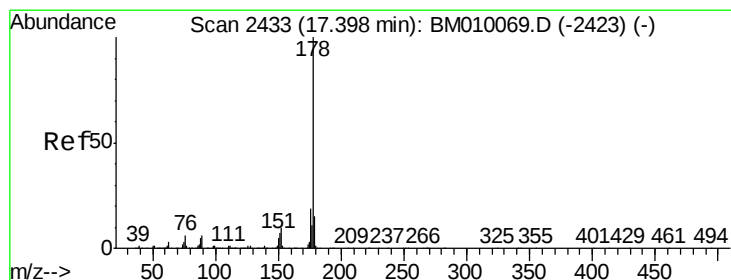
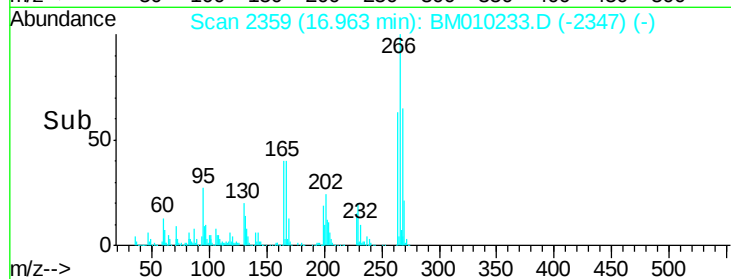
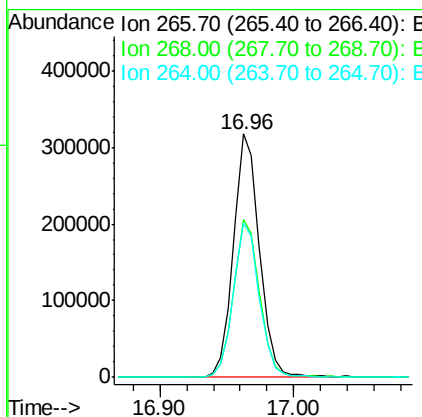
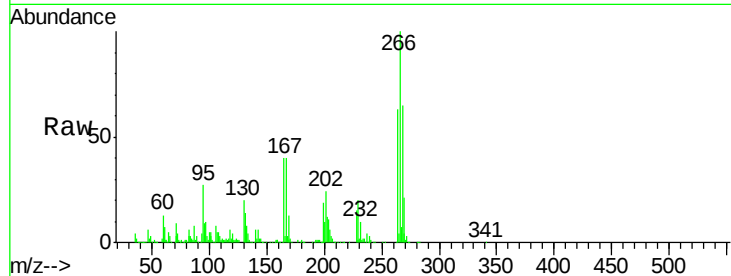
#69
 Pentachlorophenol
 Concen: 87.81 ng
 RT: 16.96 min Scan# 2359
 Delta R.T. -0.03 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Instrument :
 BNA_M
 ClientSampleId :
 PB99276BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	432604		
268	64.9	52.0	78.0	
264	63.1	49.0	73.4	

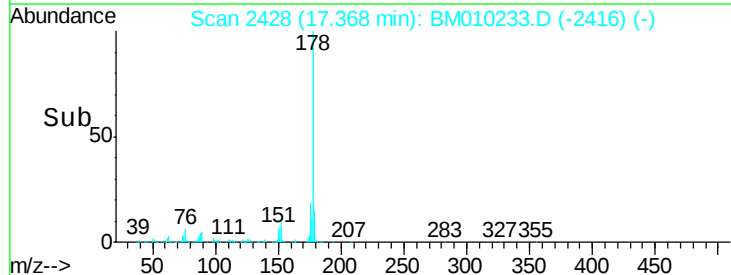
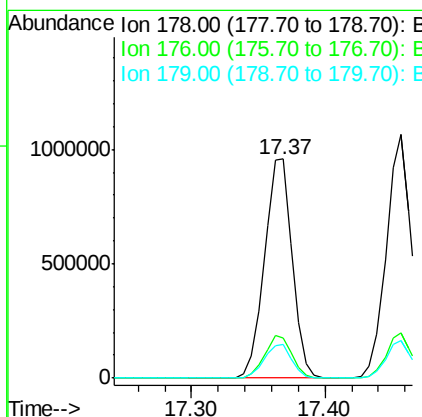
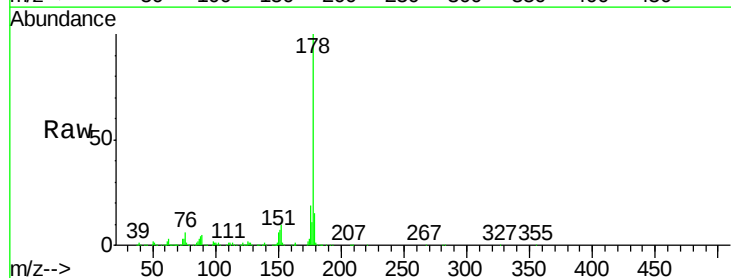
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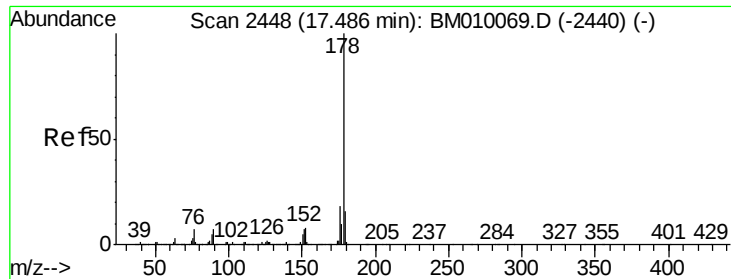
mohammad
 5/26/2017 10:32:00 AM



#70
 Phenanthrene
 Concen: 42.73 ng
 RT: 17.37 min Scan# 2428
 Delta R.T. -0.03 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1378859		
176	18.5	15.2	22.8	
179	15.3	12.1	18.1	





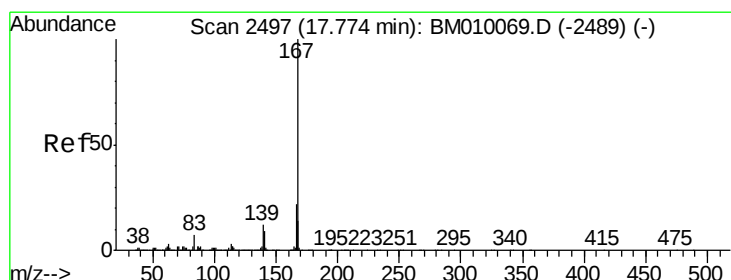
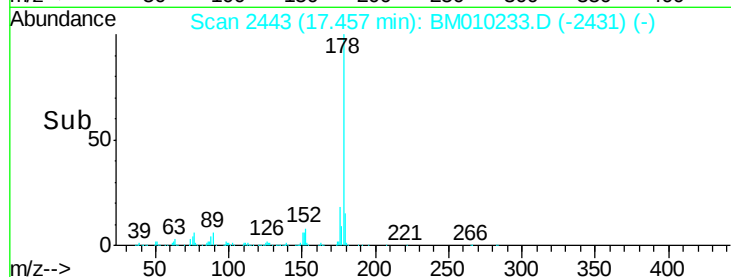
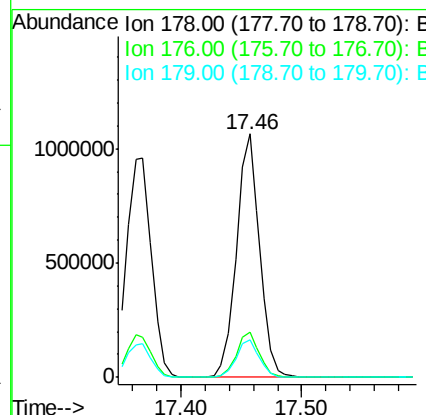
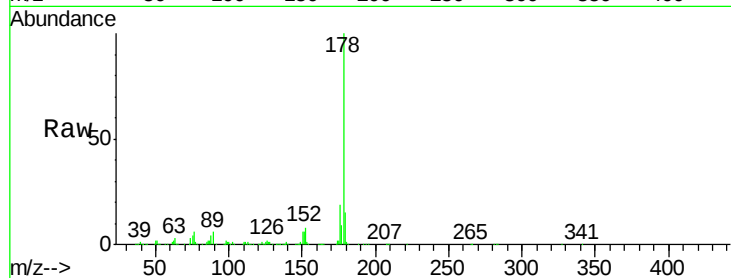
#71
 Anthracene
 Concen: 43.95 ng
 RT: 17.46 min Scan# 2443
 Delta R.T. -0.03 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Instrument :
 BNA_M
 ClientSampleId :
 PB99276BS

Tgt Ion:178 Resp: 1407497
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.6 22.0
 179 15.4 12.6 19.0

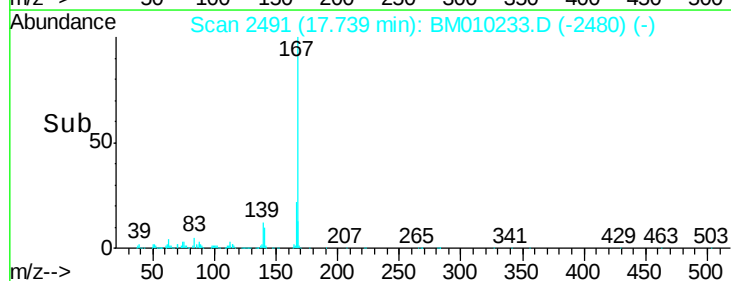
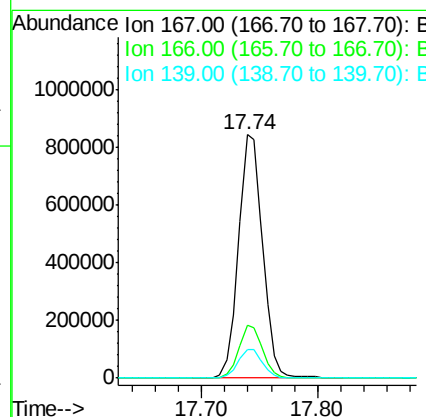
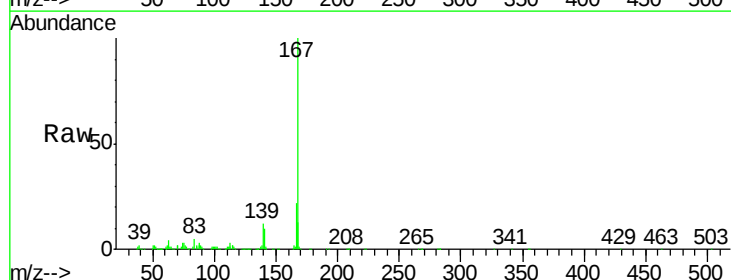
Manual Integrations
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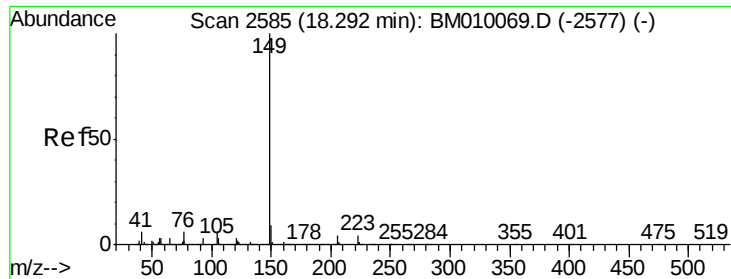
mohammad
 5/26/2017 10:32:00 AM



#72
 Carbazole
 Concen: 43.10 ng
 RT: 17.74 min Scan# 2491
 Delta R.T. -0.04 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Tgt Ion:167 Resp: 1222101
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.0 10.8 16.2





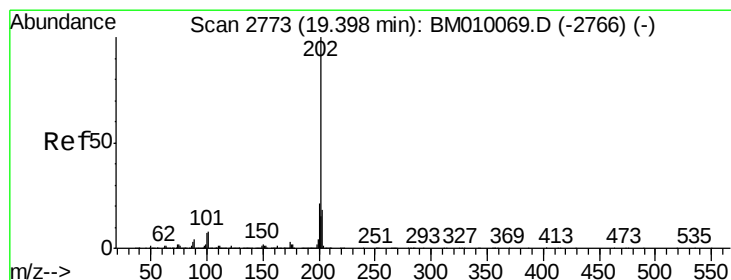
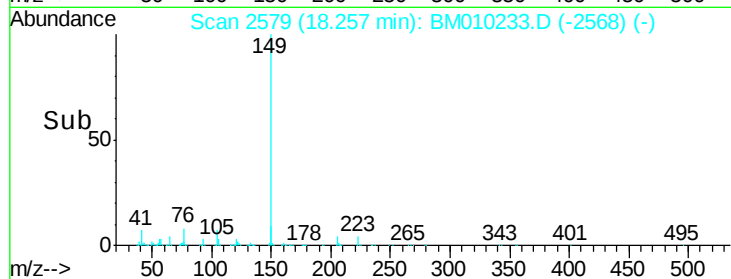
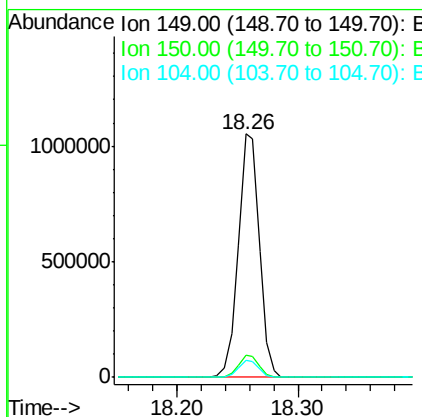
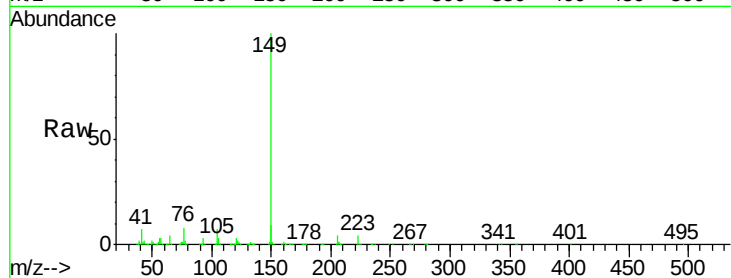
#73
Di-n-butylphthalate
Concen: 37.97 ng
RT: 18.26 min Scan# 2579
Delta R.T. -0.04 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	6.9	3.7	5.5

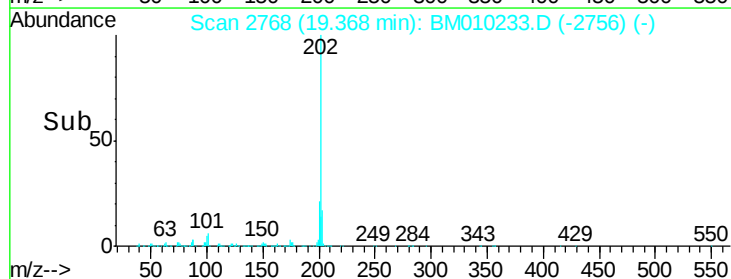
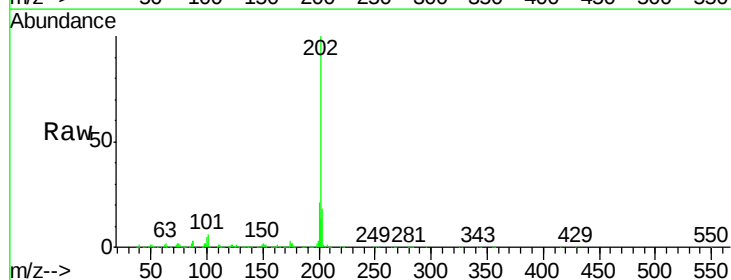
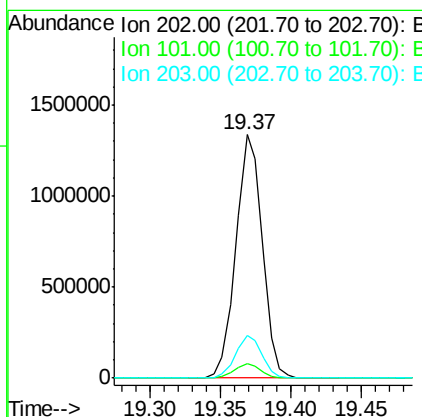
Manual Integrations
APPROVED

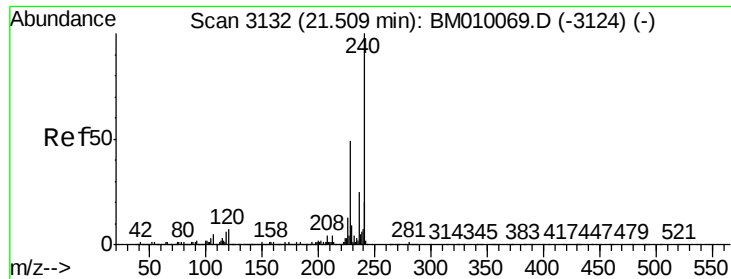
mohammad
5/26/2017 10:32:00 AM



#74
Fluoranthene
Concen: 41.56 ng
RT: 19.37 min Scan# 2768
Delta R.T. -0.03 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.9	0.0	28.7
203	17.5	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Instrument :

BNA_M

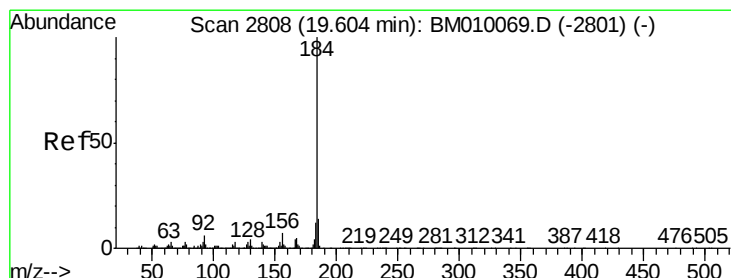
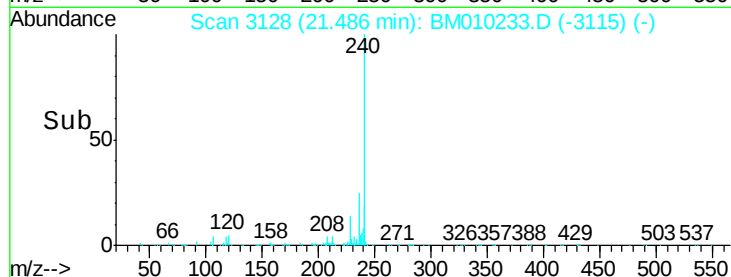
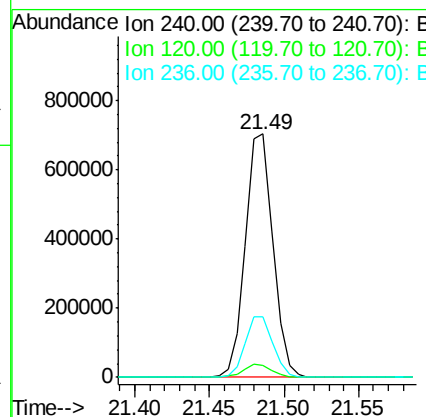
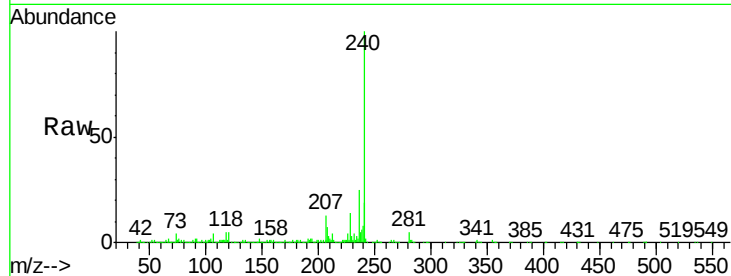
ClientSampleId :

PB99276BS

Tgt Ion:	240	Resp:	903537
Ion Ratio	Lower	Upper	
240	100		
120	4.7	8.2	12.2#
236	24.9	20.0	30.0

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#76

Benzidine

Concen: 31.03 ng

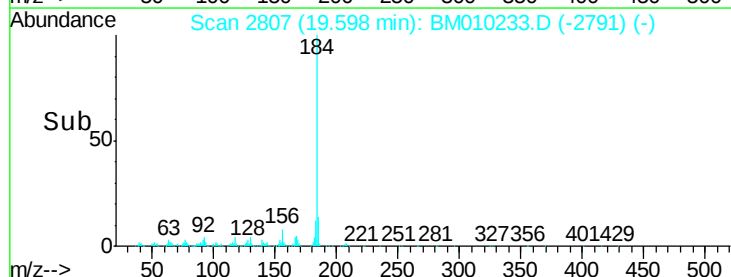
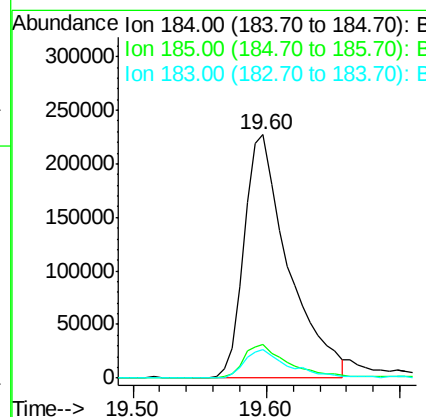
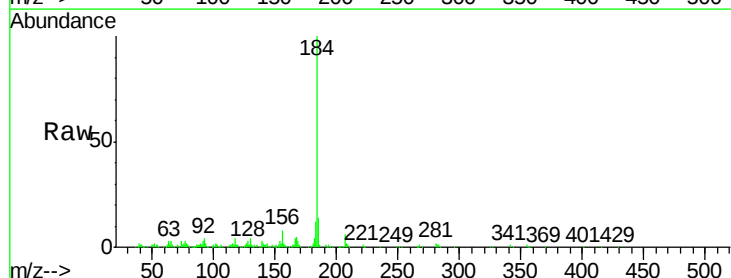
RT: 19.60 min Scan# 2807

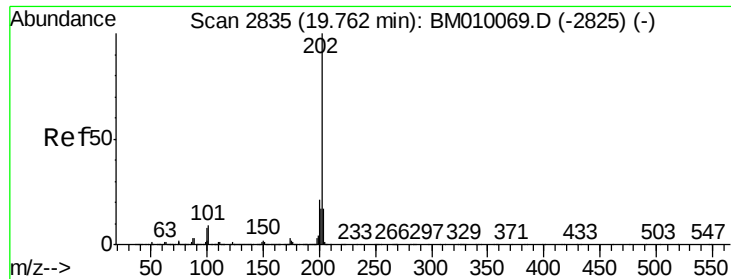
Delta R.T. -0.01 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Tgt Ion:	184	Resp:	517159
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.3	16.9
183	11.6	8.9	13.3





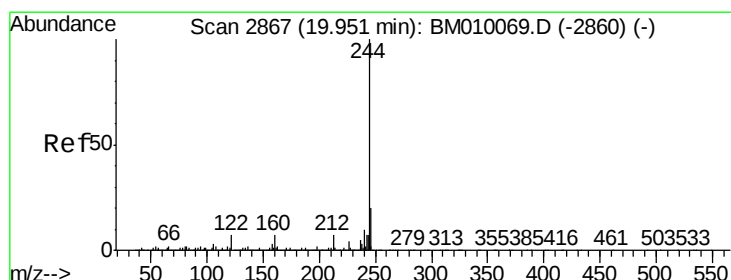
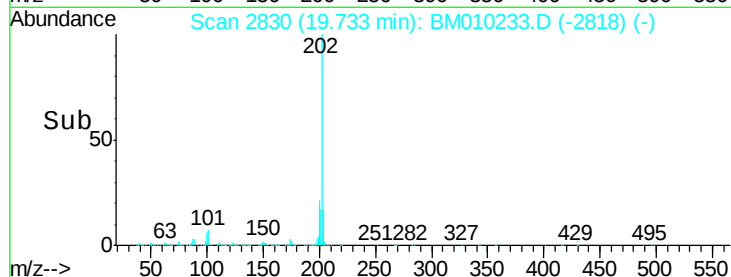
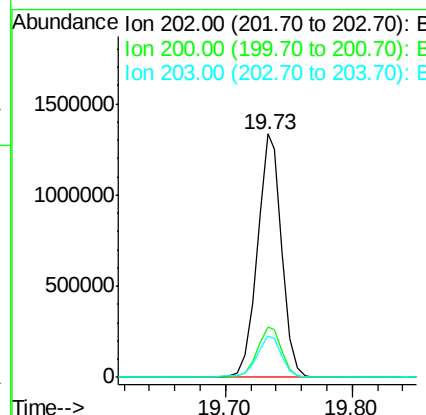
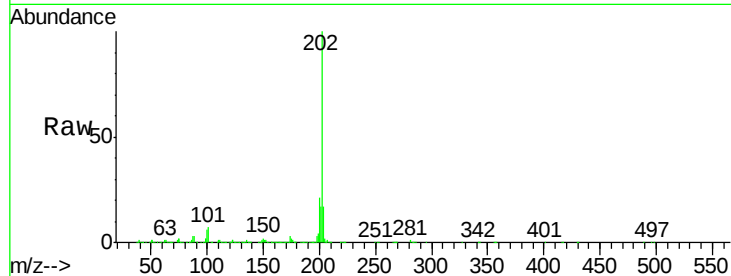
#77
 Pyrene
 Concen: 36.64 ng
 RT: 19.73 min Scan# 2830
 Delta R.T. -0.03 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Instrument :
 BNA_M
 ClientSampleId :
 PB99276BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.2	14.1	21.1

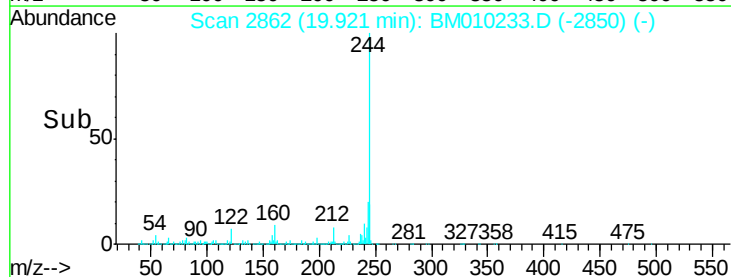
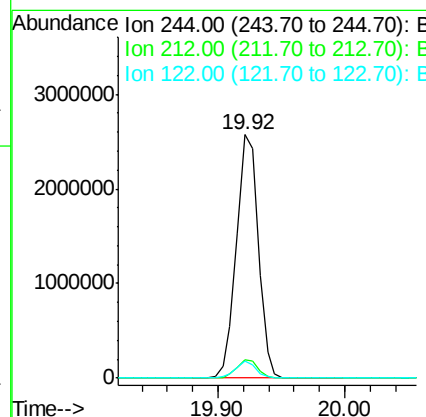
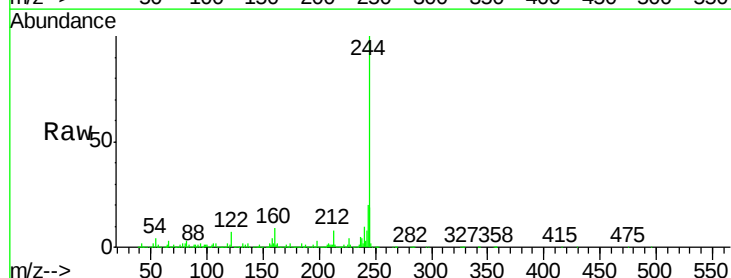
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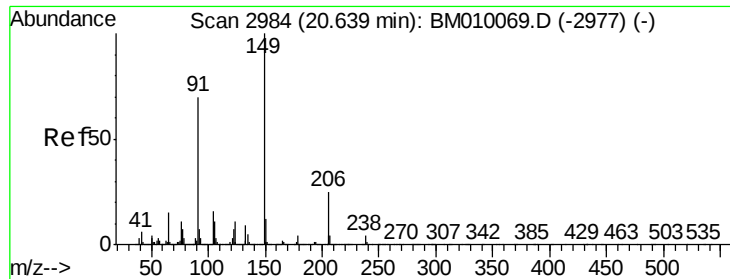
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#78
 Terphenyl-d14
 Concen: 77.03 ng
 RT: 19.92 min Scan# 2862
 Delta R.T. -0.03 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	6.9	6.2	9.4





#79

Butylbenzylphthalate

Concen: 34.03 ng

RT: 20.60 min Scan# 2978

Delta R.T. -0.04 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Instrument :

BNA_M

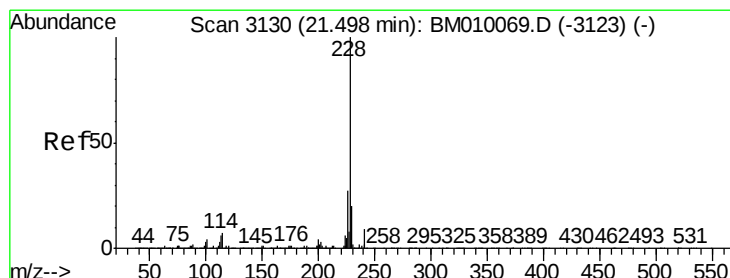
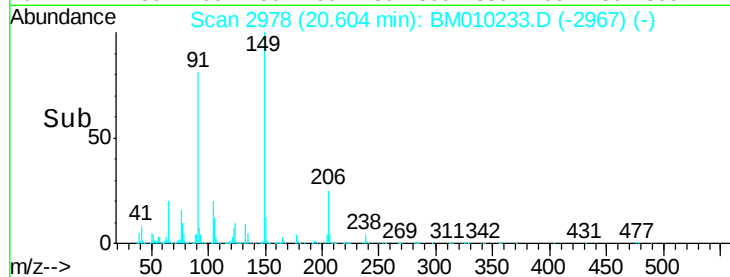
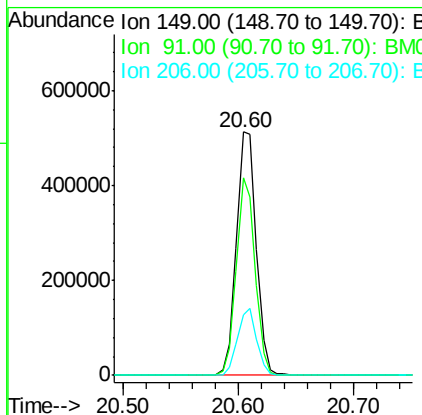
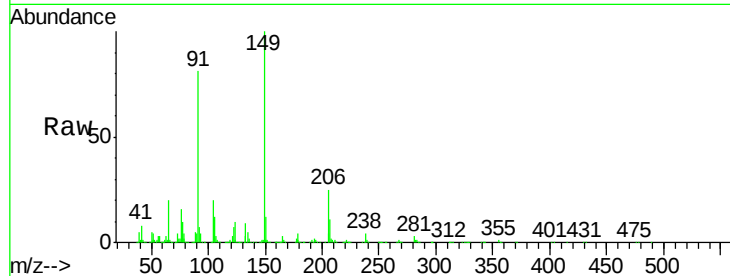
ClientSampleId :

PB99276BS

Tgt Ion:	149	Resp:	610178
Ion Ratio	Lower	Upper	
149	100		
91	81.3	50.1	75.1#
206	24.7	16.2	24.2#

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#80

Benzo(a)anthracene

Concen: 42.90 ng

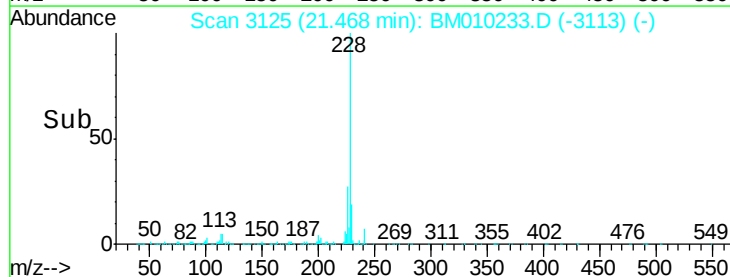
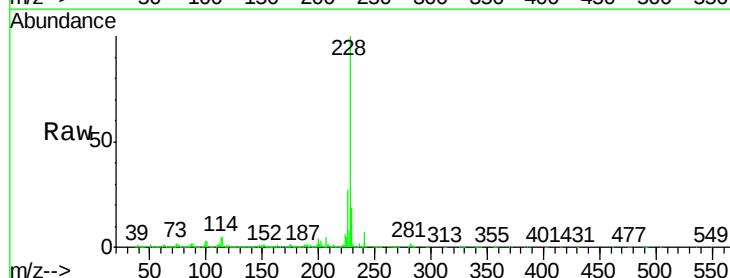
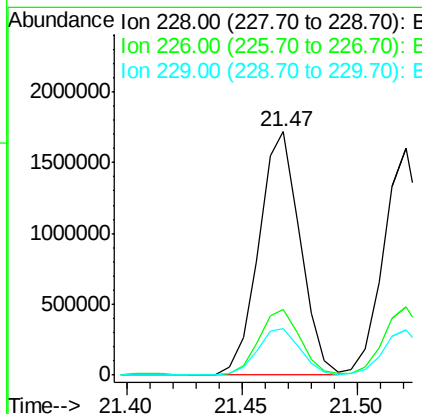
RT: 21.47 min Scan# 3125

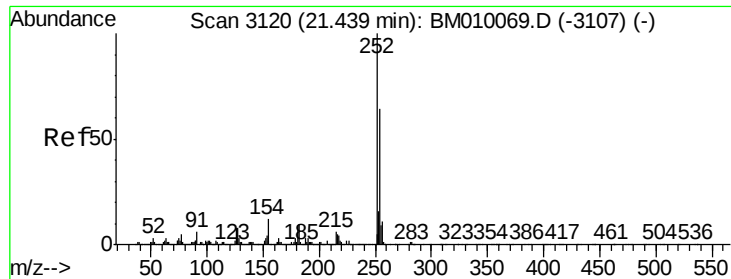
Delta R.T. -0.03 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Tgt Ion:	228	Resp:	2136196
Ion Ratio	Lower	Upper	
228	100		
226	27.2	21.7	32.5
229	19.3	16.0	24.0





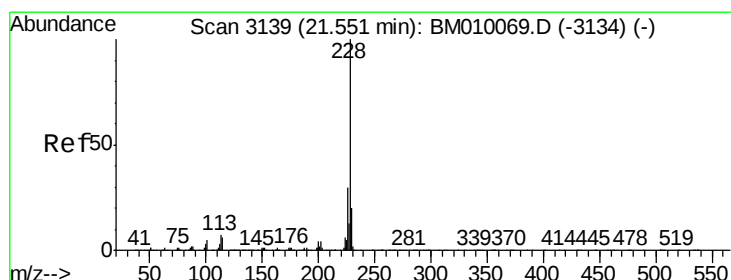
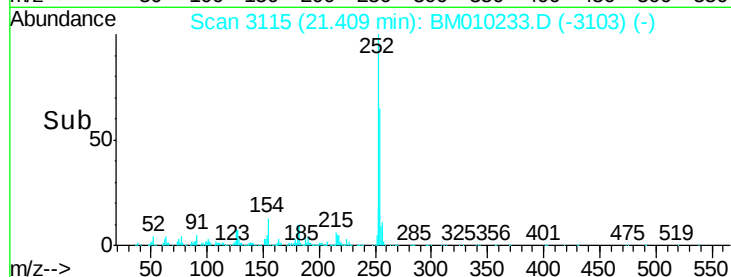
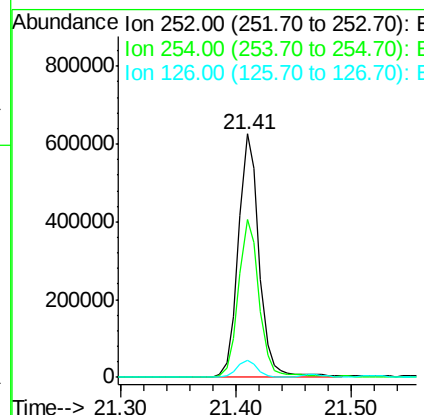
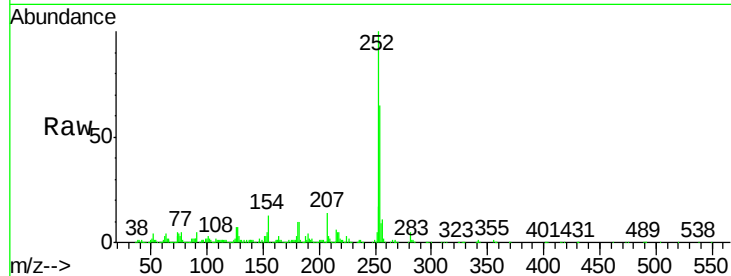
#81
 3,3'-Dichlorobenzidine
 Concen: 39.08 ng
 RT: 21.41 min Scan# 3115
 Delta R.T. -0.03 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Instrument :
 BNA_M
 ClientSampleId :
 PB99276BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	782818		
254	65.0	51.9	77.9	
126	7.2	9.8	14.8	

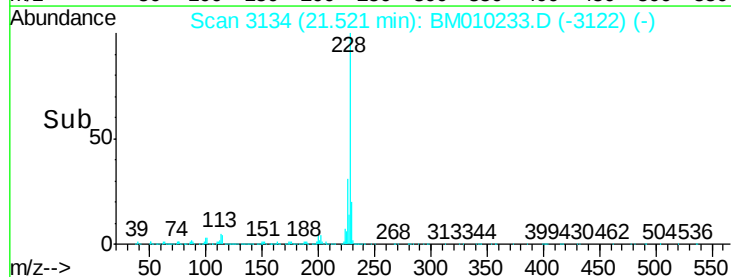
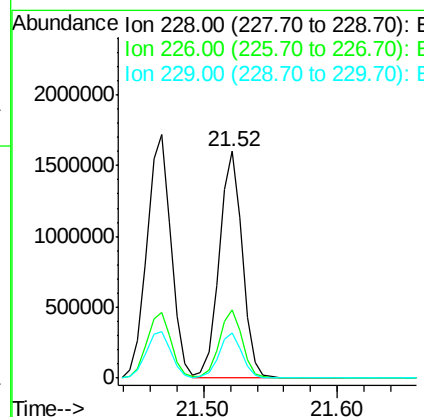
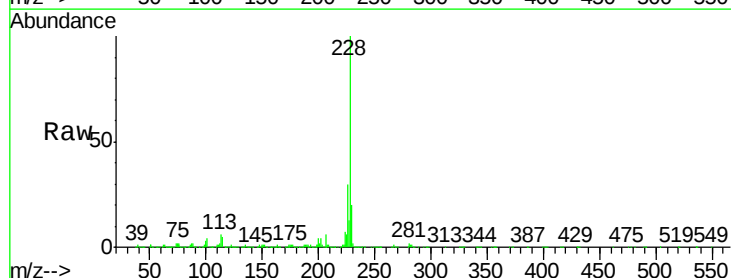
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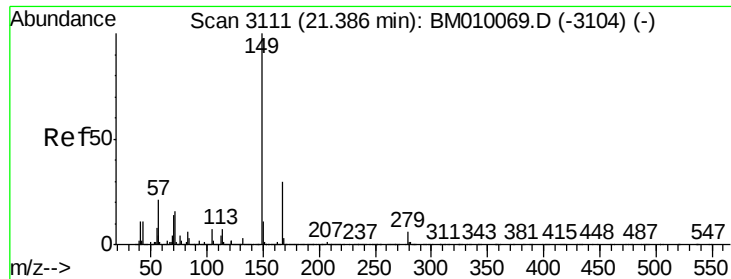
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#82
 Chrysene
 Concen: 41.18 ng
 RT: 21.52 min Scan# 3134
 Delta R.T. -0.03 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1944991		
226	30.2	24.1	36.1	
229	19.8	15.5	23.3	





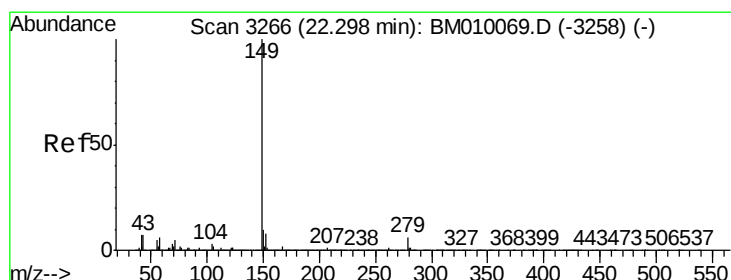
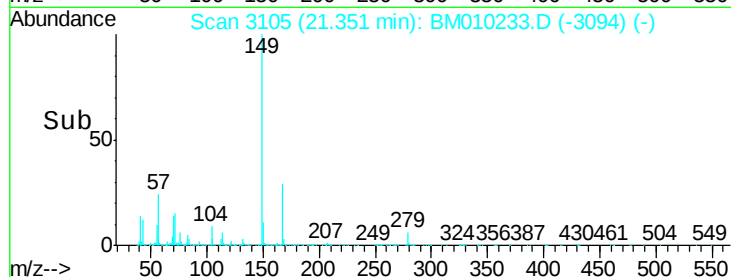
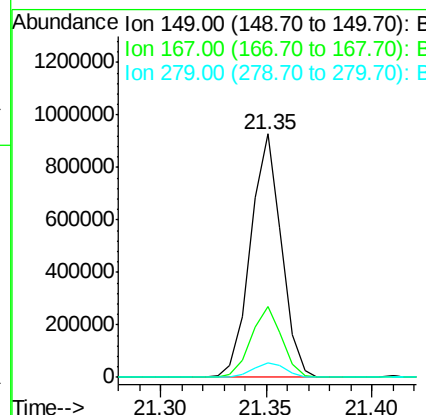
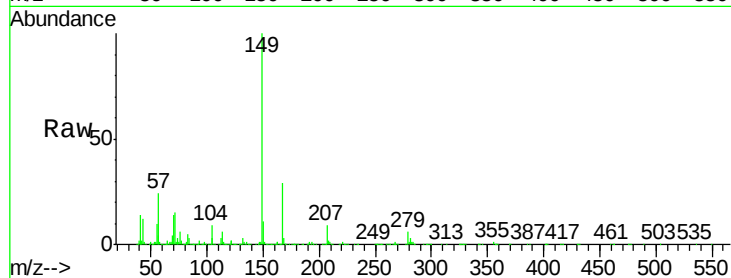
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.81 ng
 RT: 21.35 min Scan# 3105
 Delta R.T. -0.04 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Instrument :
 BNA_M
 ClientSampleId :
 PB99276BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	29.3	22.4	33.6
279	5.9	3.4	5.0#

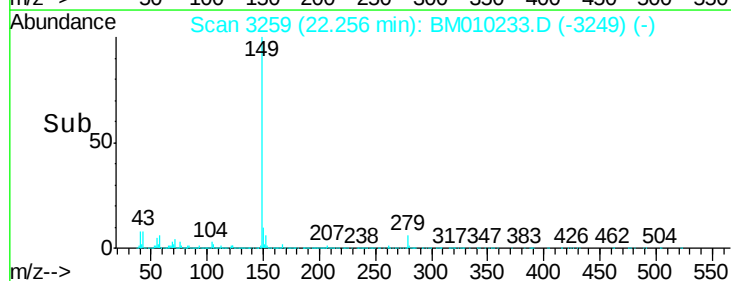
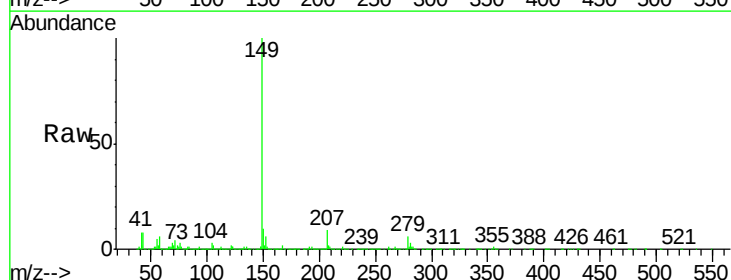
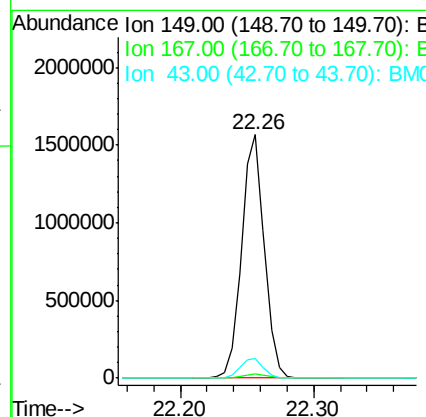
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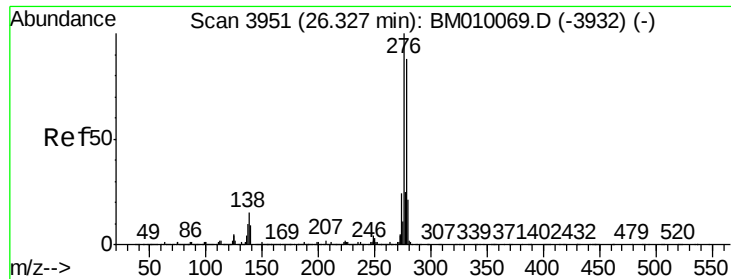
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#84
 Di-n-octyl phthalate
 Concen: 38.04 ng
 RT: 22.26 min Scan# 3259
 Delta R.T. -0.04 min
 Lab File: BM010233.D
 Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.8	1.2	1.8#
43	8.4	7.3	10.9





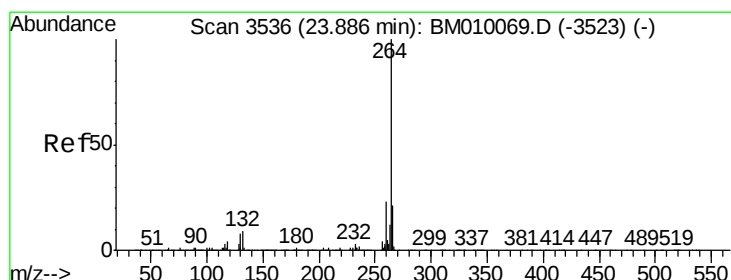
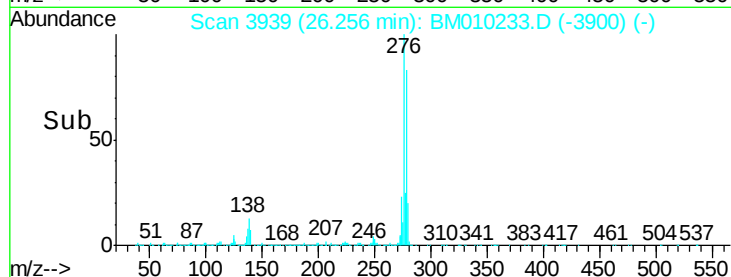
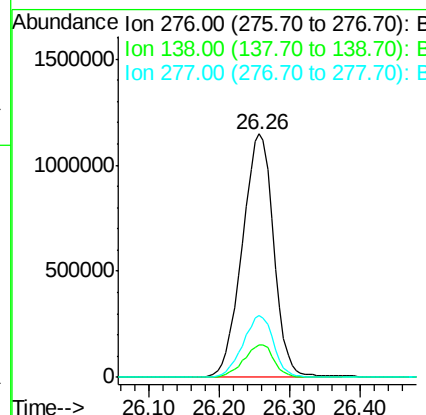
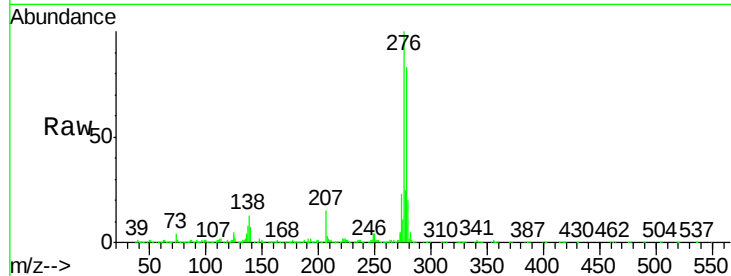
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.46 ng
RT: 26.26 min Scan# 3939
Delta R.T. -0.07 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.9	0.0	0.0#
277	25.0	0.0	0.0#

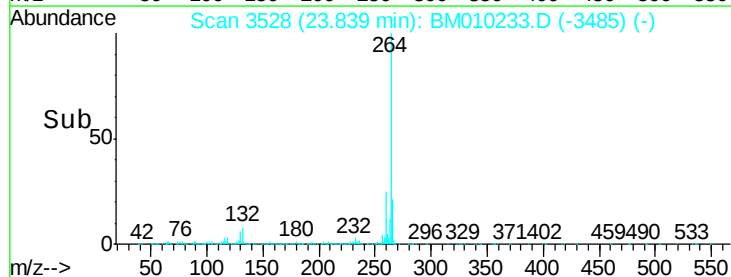
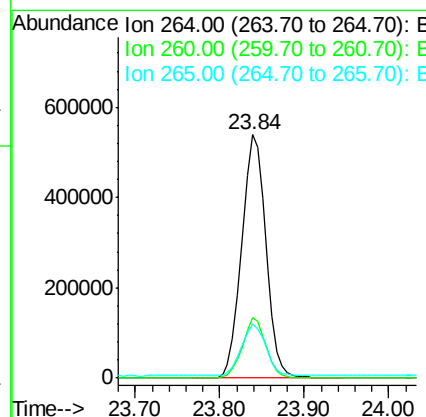
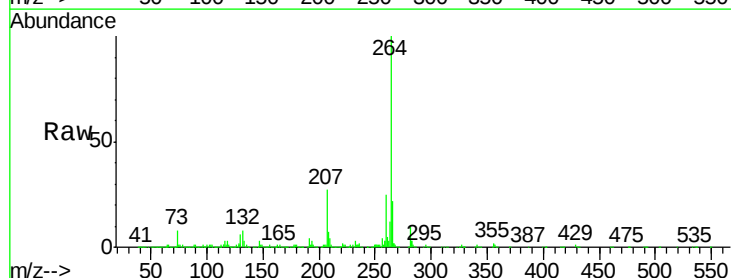
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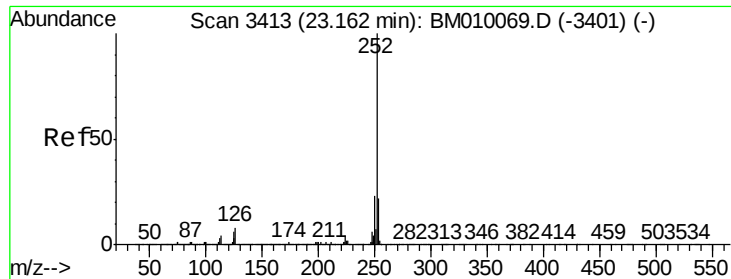
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.84 min Scan# 3528
Delta R.T. -0.05 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	27.8
265	22.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 43.54 ng

RT: 23.12 min Scan# 3406

Delta R.T. -0.04 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Instrument :

BNA_M

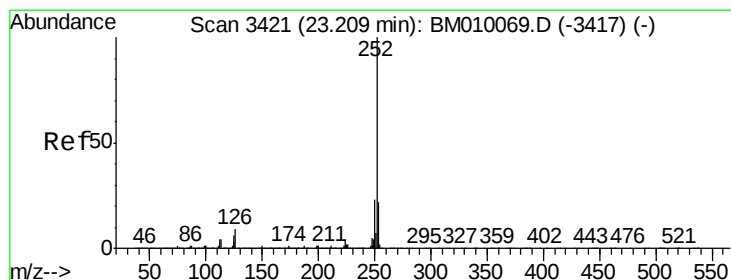
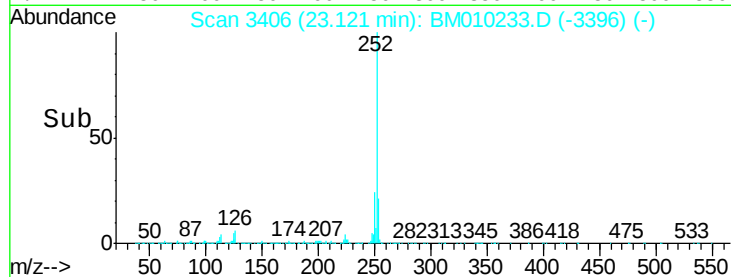
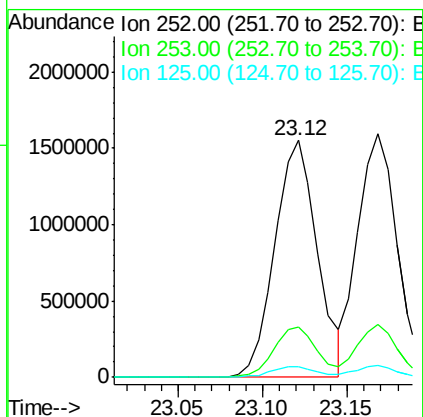
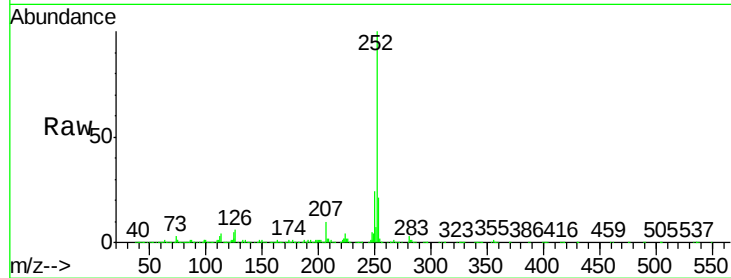
ClientSampleId :

PB99276BS

Tgt Ion:	252	Resp:	2716209
Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	4.7	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 42.10 ng

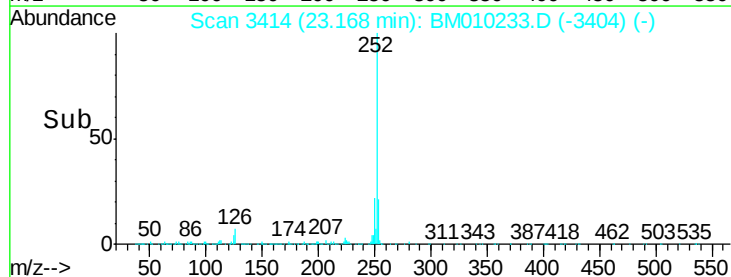
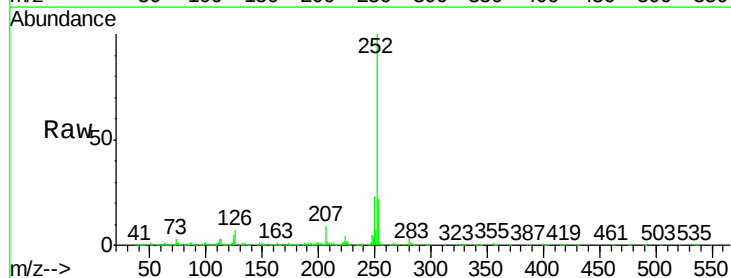
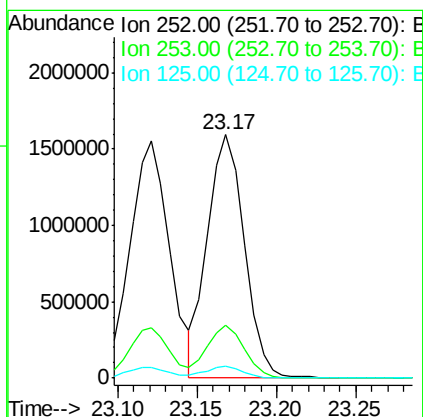
RT: 23.17 min Scan# 3414

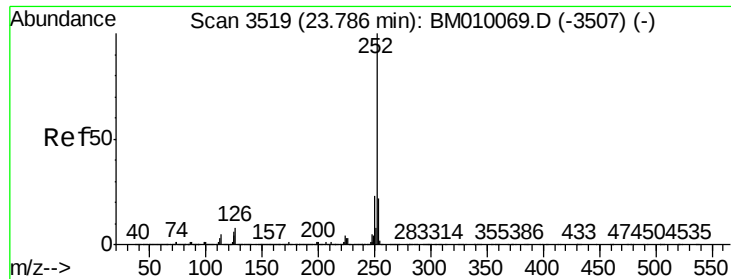
Delta R.T. -0.04 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Tgt Ion:	252	Resp:	2573260
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	4.9	8.1	12.1#





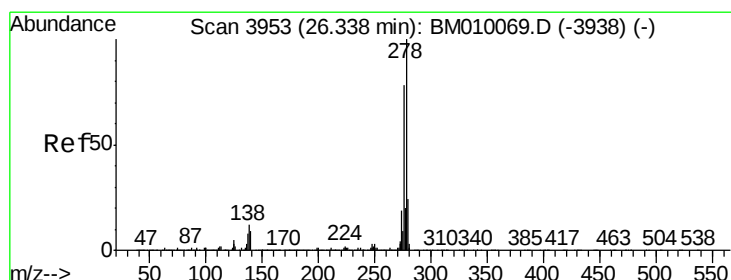
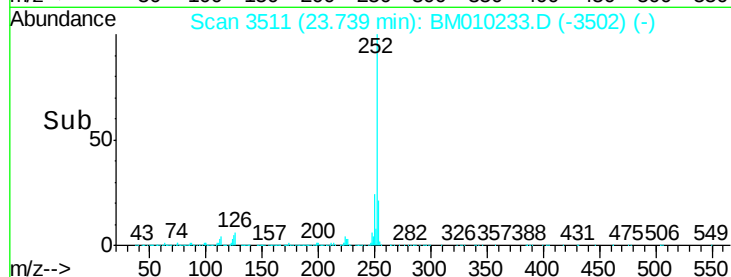
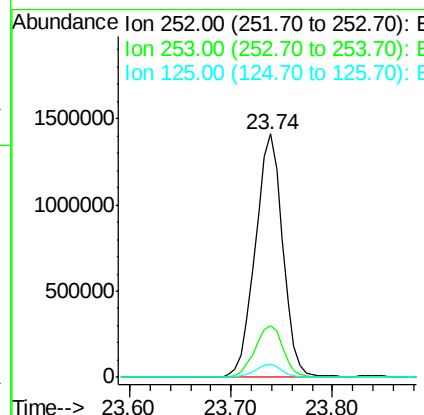
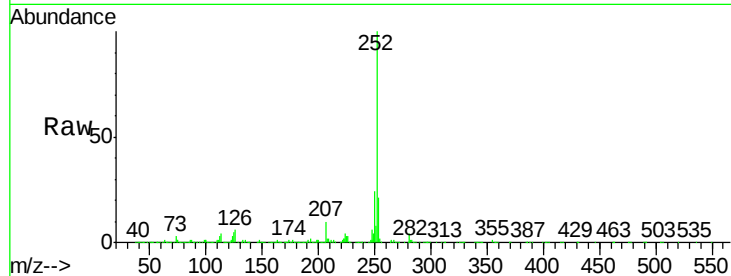
#89
Benzo(a)pyrene
Concen: 44.75 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.05 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Instrument :
BNA_M
ClientSampleId :
PB99276BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	5.2	7.4	11.2

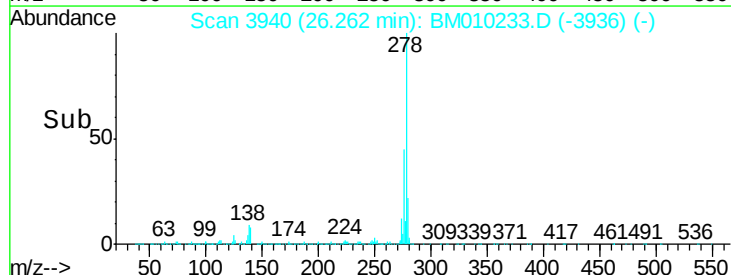
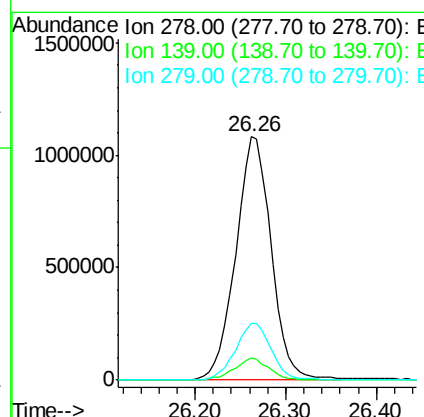
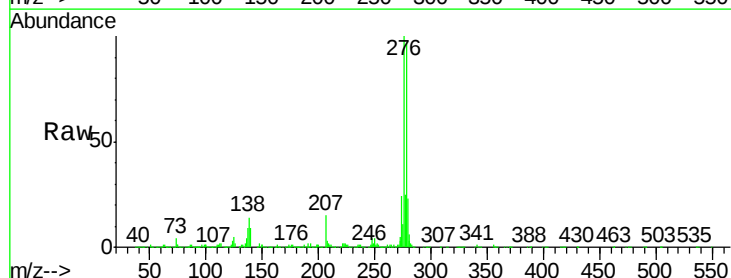
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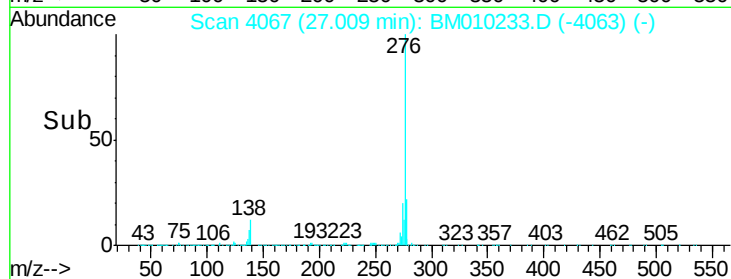
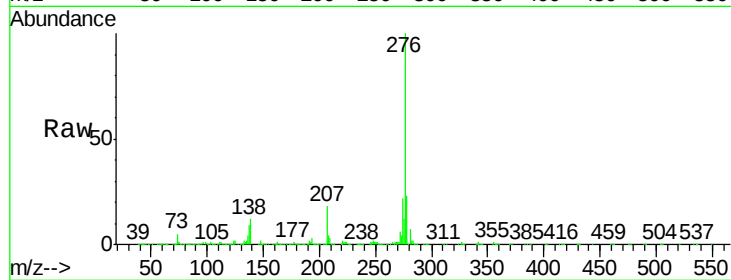
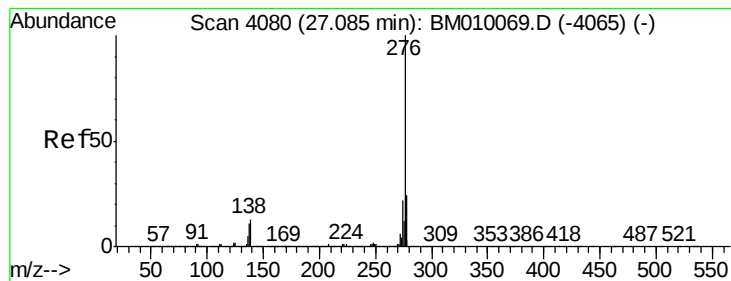
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 43.71 ng
RT: 26.26 min Scan# 3940
Delta R.T. -0.08 min
Lab File: BM010233.D
Acq: 26 May 2017 00:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.0	13.4	20.0
279	23.3	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 44.66 ng

RT: 27.01 min Scan# 4067

Delta R.T. -0.08 min

Lab File: BM010233.D

Acq: 26 May 2017 00:46

Instrument :

BNA_M

ClientSampleId :

PB99276BS

Tgt Ion: 276 Resp: 2909233

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 11.5 19.0 28.6#

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